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Delaware

Agricultural Statistics

1986

SUMMARY

Issued Cooperatively by:

Delaware Department of Agriculture
Delaware Agricultural Statistics Service

STATE OF DELAWARE
DEPARTMENT OF AGRICULTURE

Dear Friend of Agriculture:

I am pleased to present the 1986 summary of Delaware Agricultural Statistics.

Agriculture is the most important industry in the State of Delaware, providing us with the essential food and fiber we have come to depend on. Even though less than 2% of Delawareans are farmers, we boast production figures that rank us in the top of American agriculture in many categories.

I would like to thank Bruce West, State Statistician, National Agricultural Statistics Service, USDA, and his staff for their work in compiling and printing this summary. I would also like to thank the many farmers who took the time to furnish this information.

It is my hope that you will find this information not only interesting, but beneficial in making decisions that affect the future of Delaware agriculture.

Sincerely,

William B. Chandler, Jr.
Secretary of Agriculture

ISSUED COOPERATIVELY BY

DELAWARE DEPARTMENT OF AGRICULTURE
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UNITED STATES DEPARTMENT OF AGRICULTURE
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FOREWORD

This issue of "Delaware Agricultural Statistics" contains all major series of agricultural data developed by the Delaware Agricultural Statistics Service. Through a cooperative effort between the Delaware Department of Agriculture and the National Agricultural Statistics Service, we present a total view of Delaware agriculture.

This publication includes data on crop production, livestock and poultry same as last year production, prices income and other facets of agriculture. Wherever space permits, data from 1970 forward are included to provide a limited history of the State's agriculture.

A special thank you is extended to many Delaware farmers and business people who voluntarily provided the essential data needed to develop these estimates. Without their cooperation, this information would not be available. These estimates provide the groundwork for successful planning and decision making in all segments of agriculture.

Special recognition should be given to the office staff. A special thanks is due to E. May Heddinger for compiling data, layout design, and complete typing and preparation of the report for printing.

Sincerely,

M. Bruce West
State Statistician

HIGHLIGHTS

	1986			1986
Number of Farms	3,200		Gross Farm Income	$545,900,000
Average Size Farm	200	Acres	Farm Prod. Expenses	387,500,000
Land in Farms	640,000	Acres	Gross Income Per Farm	168,000
Value of Land & Bldgs., 1986	1,124,000,000	Dollars		
Avg. Value Per Operating Unit, 1986	351,250	Dollars		

LIVESTOCK AND PRODUCTS

COMMODITY	INVENTORY	MARKETINGS 1986	CASH RECEIPTS 1986
Broilers	--	944,558,000 Lbs.	$354,209,000
Broilers	--	196,783,000 Head	-
Milk	--	147,000,000 Lbs.	18,560,000
Cattle and Calves (Jan. 1, 1987)	31,000	8,375,000 Lbs.	1,763,000
Hogs and Pigs (Dec. 1, 1986)	60,000	28,140,000 Lbs.	13,295,000
Eggs	--	135,000,000 Eggs	11,025,000
Farm Chickens (Dec. 1, 1985)	938,000		832,000
Miscellaneous (Honey, Beeswax, Horse, Mink Pelts, Sheep and Lambs, etc.)			1,912,000
TOTAL LIVESTOCK & LIVESTOCK PRODUCTS			$401,596,000

CROPS AND PRODUCTS

COMMODITY	ACRES HARVESTED 1986	PRODUCTION 1986	CASH RECEIPTS 1986
Corn for grain	169,000	14,027,000 Bu.	$23,466,000
Soybeans	240,000	6,000,000 Bu.	29,158,000
Greenhouse and Nursery	--	--	20,000,000
Wheat	34,000	1,530,000 Bu.	3,489,000
Apples	--	27,000,000 Lbs.	2,456,000
Hay	23,000	50,000 Tons	961,000
Barley	50,000	3,050,000 Bu.	3,639,000
Peaches	--	2,700,000 Lbs.	500,000
Potatoes	6,900	1,311,000 cwt	8,522,000
Sweet Corn (Processing)	4,900	--	1,119,000
Green Peas (Processing)	9,600	--	3,695,000
Mushrooms	--	--	4,935,000
Other Crops	--	--	4,558,000
Other Vegetables and Melons	--	--	17,077,000
TOTAL ALL CROPS	--	--	123,575,000
ALL COMMODITIES	--	--	525,171,000

ADJUSTING TO THE ECONOMICS OF FARMING

by
Gerald F. Vaughn
Coordinator
Extension Farm Financial Management Center

SUMMARY

This article takes a look at the Delaware farm economy in 1987 and the need for the new Extension Farm Financial Management Center. Many Delaware farmers and agribusinesses are in worse financial shape than they were a year ago. Farm financial recordkeeping and analysis takes on increasing importance. Cash flow projections receive particular attention. To those farm families who choose to leave farming, guidance is offered that may aid during the transition.

The Delaware Farm Economy in 1987

Surveys of farm financial conditions were conducted in January 1987, by the Delaware Agricultural Statistics Service with funds provided by the Delaware Department of Agriculture. Contact your County Extension Office or the State Department of Agriculture for a copy of Extension Circular 148... 1987 SUMMARY OF DELAWARE FARM FINANCIAL CONDITIONS.

Thirty-one percent of Delaware farmers with debt have debt/asset ratios higher than 40 percent. This compares with 20 percent having such ratios in 1986. Debt/Asset ratio measures farm debt as a percentage of the value of farm assets. Lenders generally prefer a debt/asset ratio below 40 percent for a financially sound farm business.

By 1987 more farmers had liquidated livestock, sold land and/or sold equipment. These actions are taken most reluctantly since they reduce a farmer's production capacity. There was also a rise in off-farm employment by farm operators and/or other family members.

Extension Farm Financial Management Center

Many Delaware farmers are expressing a desire for Extension to help them improve their skills as businessmen and businesswomen and thereby strengthen their farm businesses. Many seek help in exploring alternatives, either in or out of farming.

Responding to these requests and with the encouragement and support of Delaware farm and governmental leaders, Extension Director Dick Fowler has formed the Delaware Cooperative Extension Farm Financial Management Center, which offers educational assistance to farm families seeking to improve their business management skills and/or explore alternatives. Dave Woodward, Agricultural Program Leader, and Mary Ann Finch, Home Economics Program Leader, provide program direction to the Center. Ten Extension agents and specialists have had some reassignment of duties to become the Center's key personnel.

The Increasing Importance of Farm Financial Recordkeeping and Analysis

Farm financial records are becoming important for much more than income tax reporting. Successful farmers know that well-kept financial records are even more valuable to:

1. Measure operating and financial performance (including debt service and family living expenses) and support loan applications,

2. Determine the profitability of specific enterprises, including alternative enterprises,

3. Develop sound marketing plans based on costs of production and break-even prices and yields, and monitor production inventories,

4. Analyze rental versus purchase of land and other assets,

5. Arrange for insurance coverage, and aid in estate planning and valuation.

The cash-flow projection is among the best examples of how good financial records can significantly improve your control of your farm business. Careful preparation and analysis of cash-flow projections can enable you to improve the timing and size of your cash outflow and inflow throughout the year. It can help you identify changes that will reduce costs, increase revenue, and/or keep your operating debt levels at a minimum...resulting in a more profitable year.

Ask these questions as you think about your anticipated cash flow each year:

- Could you reduce purchased inputs without sharply lowering crop yields? Are there changes that would reduce the cost of purchased feeds or animal care, reduce the cost of purchased livestock or change the timing of stock or feed purchases, without sharply lowering production? Could the timing of payments for purchased inputs be changed in ways that would reduce your use of borrowed funds early in the year but not increase your total costs?

- In your plans for marketing crops and livestock, are there acceptable ways to lock in satisfactory prices while reducing price risk? Could you change your intended marketing pattern to bring in revenues earlier in the year, making it possible to reduce operating debt requirements?

- Could the amounts or timing of family living expenses be changed to reduce your level of borrowing, or to defer borrowing until later in the year, thus reducing interest costs?

- If you have cash-rental arrangements under which you pay part or all cash-rent costs early in the year, are you willing to negotiate for share-rent agreements, or to negotiate changes in the amount or timing of the cash-rent payments? If so, how will doing this affect up-front cash costs?

-Are there other changes in your intended pattern of income and expenses that would reduce the need for borrowed funds early in the year? If so, how would these changes affect debt levels and interest costs?

Keep your financial records up-to-date. At the end of each month, compare your actual cash flow and level of operating debt with the projected amounts. When actual and projected cash flow start to diverge, take needed action before the differences become dangerously large. By using your cash-flow projection this way, you'll have much better control of your financial situation throughout the year.

You can't prepare accurate cash flow projections without complete and accurate financial records. The Extension Farm Financial Management Center is available to assist farmers to improve overall financial recordkeeping and analysis and to prepare and use cash flow projections. Contact your County Extension Office.

Easing the Transition Out of Farming

Choosing to leave farming may be the wisest decision for some farm families. This could be an especially opportune time to do so, since many farmers have or can learn job skills that could enable them to obtain alternative employment.

Studies of farm families who have left farming in recent years indicate that the transition can be made easier by the following steps:

- Make the decision before it is too late. Don't use up all your equity hoping things will improve.

- Make your own decision to leave; don't be forced out through foreclosure or bankruptcy.

- Go to an attorney knowledgeable in the legal aspects of exiting. Tax considerations also are very important, so see a knowledgeable advisor.

- Plan for the exit, and plan for life after the exit. Talk to other farm families who have made new lives.

- Think about your work alternatives; get help in analyzing your skills and in locating employment. Talk to county Cooperative Extension staff for help in identifying and discussing alternatives.

The Extension Farm Financial Management Center is able to help farm families during this transition. Contact your County Extension Office.

DELAWARE'S NATIONAL RANKINGS IN AGRICULTURE, 1986

ITEM	PERCENT OF U.S. TOTAL	RANK
SQUARE FEET OF MUSHROOMS	2	4
1/ ACRES OF GREEN PEAS	4	6
1/ BROILERS PRODUCED	4	9
AVERAGE VALUE OF FARM LAND PER ACRE	-	6
SUMMER POTATO PRODUCTION	6	8
1/ ACRES OF CUCUMBERS	2	15
1/ ACRES OF SNAP BEANS	1	15
1/ ACRES OF TOMATOES	-	17
1/ ACRES OF SWEET CORN	1	17
1/ ACRES OF WATERMELONS	1	18
1/ LAND USED FOR VEGETABLES	1	19
WHEAT AVERAGE YIELD BU/A	-	11
BARLEY PRODUCTION	-	19
SOYBEAN PRODUCTION	-	24
SOYBEANS AVERAGE YIELD BU/A	-	16
CORN GRAIN PRODUCTION	-	28
CORN GRAIN AVERAGE YIELD BU/A	-	31
RYE PRODUCTION	-	22
APPLE PRODUCTION	-	26
PEACH PRODUCTION	-	26

1/ Data from 1982 Census of Agriculture.

FARM NUMBERS AND ACREAGE, 1950-1986

YEAR	DELAWARE			UNITED STATES		
	NUMBER OF FARMS	AVERAGE ACRES PER FARM	TOTAL LAND IN FARMS	NUMBER OF FARMS 1/	AVERAGE ACRES PER FARM	TOTAL LAND IN FARMS
			Thou. Acres	Thou. Farms		Million Acres
1950	8,300	109	904	5,648	213	1,202
1960	5,600	143	800	3,963	297	1,176
1970	3,900	183	715	2,949	374	1,102
1975	3,700	186	690	2,521	420	1,059
1976	3,600	189	680	2,497	422	1,054
1977	3,500	191	670	2,456	427	1,048
1978	3,500	190	665	2,436	429	1,045
1979	3,600	183	660	2,432	428	1,042
1980	3,500	186	650	2,433	427	1,039
1981	3,500	186	650	2,434	425	1,034
1982	3,500	189	660	2,401	428	1,028
1983	3,500	186	650	2,370	432	1,024
1984	3,600	183	660	2,328	438	1,019
1985	3,500	186	650	2,275	446	1,014
1986	3,200	200	640	2,214	455	1,007

1/ Prior to 1975 a farm was considered any place with less than 10 acres having sales of $250 or more or places of 10 acres or more with $50 of sales. Beginning in 1975 the definition of a farm is a place that sells or normally would sell $1,000 of agricultural produce.

REAL ESTATE VALUE, DELAWARE 1975-1987

YEAR	VALUE OF LAND AND BUILDINGS		TOTAL VALUE OF FARM BUILDINGS	AVERAGE VALUE PER OPERATING UNIT
	TOTAL	AVERAGE PER ACRE		
	Million Dollars	Dollars	Million Dollars	Dollars
1975	670	971	110	181,100
1976	758	1,114	123	210,500
1977	837	1,250	151	239,200
1978	898	1,350	163	256,600
1979	990	1,500	182	288,000
1980	1,141	1,798	211	326,000
1981	1,198	1,928	219	342,300
1982	1,095	1,787	198	322,100
1983	1,078	1,829	193	317,100
1984	1,231	1,866	195	323,500
1985	1,067	1,642	N/A	N/A
1986	1,124	1,757	N/A	N/A
1987	1,136	1,775	N/A	640,000

CASH RENTS FOR SPECIFIED CATEGORIES, DELAWARE 1981-1987

ITEM	1981	1982	1983	1984	1985	1986	1987
	Dollars Per Acre						
ALL FARMS	57.10	57.50	57.30	66.22	63.26	64.02	59.51
CROPLAND	59.30	60.50	59.10	66.90	66.77	64.48	61.42

CROPS

GENERAL

Calendar year 1985 saw temperatures above normal with well below normal precipitation. However, during the fall of 1985 Delaware farmers experienced warm, wet weather while the 1986 small grain crops were being planted. Even with this abundance of moisture, wheat and rye were planted on a normal schedule and barley was seeded an average of 5 to 7 days later than normal. Temperatures were near normal in the winter months, (December 1985 - March 1986) with skimpy precipitation. Temperatures during April through July of 1986 were considerably above normal with light precipitation falling in a timely manner resulting in a normal, small grain crop. The generally hot, dry summer took it°s toll on the corn, soybean, hay and potato yields.

CORN

Corn for grain produced in Delaware during 1986 totaled 14.0 million bushels, down 26 percent from the record 19.1 million bushels produced in 1985. Grain corn yielded an average of 83 bushels per acre, down 26 bushels from the previous year°s, 109 bushel average and 30 bushels below the record 113 bushel average produced in 1984. The acres of corn harvested for grain, at 169,000 is down 6,000 acres from 1985°s 175,000 acres. Corn silage production, at 99,000 tons, was down 6 percent from the 105,000 tons produced in 1985 and it was the smallest Delaware production since 1965. The acreage of corn silage harvested at 9,000 is 2,000 acres greater than the 1985 acreage.

SOYBEANS

Delaware farmers produced 6 million bushels of soybeans in 1986, 17 percent below the 1985 output and 23 percent below the record 8.3 million bushel crop of 1979. The acreage of soybeans harvested, at 240,000 acres, was unchanged from 1985 but the average yield at 25 bushels per acre, decreased by 5 bushels from the record 30 bushel average of 1979 and 1985.

SMALL GRAINS

Small grains fared reasonably well in 1986. Barley yielded a record 61 bushels per acre and winter wheat and rye averaged near normal yields. A winter wheat crop of 1.53 million bushels was produced by Delaware farmers, down 26 percent from the previous year. Wheat averaged 45 bushels per acre, 3 bushels below 1985. The acreage harvested, at 34,000, declined 9,000 acres from the 43,000 acres harvested in 1985. Barley production at 3.1 million bushels, was down 8 percent from the record 3.3 million bushel crop of 1985. The average barley yield at 61 bushels per acre set a record but the acres harvested at 50,000 was 7,000 acres below the 57,000 acres harvested in 1985. Rye production totaled 136,000 bushels in 1986, up 30 percent from 1985. An increase in acreage harvested to 4,000 more than offset a one bushel decline in the average yield to 34 bushels for 1986.

CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE, DELAWARE, 1981-1986

CROP	YEAR	ACREAGE		UNIT	PRODUCTION		SEASON AVERAGE PRICE	VALUE OF PRODUCTION
		PLANTED	HARVESTED		PER ACRE	TOTAL		
		1,000 acres				1,000	Dollars Per Unit	1,000 Dollars
CORN, ALL	1981	196	194	Bu	--	--	--	--
	1982	188	188	Bu	--	--	--	--
	1983	155	154	Bu	--	--	--	--
	1984	160	159	Bu	--	--	--	--
	1985	185	184	Bu	--	--	--	--
	1986	180	N/A	Bu	--	--	--	--
CORN, FOR GRAIN	1981	--	181	Bu	85.0	15,385	2.65	40,770
	1982	--	177	Bu	102.0	18,054	2.56	46,218
	1983	--	145	Bu	75.0	10,875	3.76	40,890
	1984	--	150	Bu	113.0	16,950	2.95	50,003
	1985	--	175	Bu	109.0	19,075	2.49	47,497
	1986	--	169	Bu	83.0	14,027	1.80	25,249
CORN, SILAGE	1981	--	12	Tons	12.2	146	23.00	3,358
	1982	--	10	Tons	15.0	150	24.50	1,838
	1983	--	8	Tons	14.0	112	26.50	1,855
	1984	--	8	Tons	16.0	128	21.00	2,688
	1985	--	7	Tons	15.0	105	16.00	1,680
	1986	--	9	Tons	11.0	99	--	--
WHEAT, WINTER	1981	50	48	Bu	40.0	1,920	3.20	6,144
	1982	59	58	Bu	40.0	2,320	3.00	6,960
	1983	55	54	Bu	39.0	2,106	3.41	7,181
	1984	50	49	Bu	41.0	2,009	3.30	6,630
	1985	45	43	Bu	48.0	2,064	2.88	5,944
	1986	40	34	Bu	45.0	1,530	2.40	3,672
SOYBEANS	1981	260	255	Bu	27.0	6,885	6.25	43,031
	1982	275	270	Bu	24.0	6,480	5.65	36,612
	1983	255	250	Bu	29.0	7,250	7.86	56,985
	1984	260	250	Bu	24.0	6,000	5.87	35,220
	1985	245	240	Bu	30.0	7,200	5.00	36,000
	1986	245	240	Bu	25.0	6,000	4.75	28,500
BARLEY	1981	40	33	Bu	52.0	1,716	2.00	3,432
	1982	44	38	Bu	57.0	2,166	1.80	3,899
	1983	61	53	Bu	55.0	2,915	1.95	5,684
	1984	55	50	Bu	55.0	2,750	2.15	5,913
	1985	63	57	Bu	58.0	3,306	1.45	4,794
	1986	55	50	Bu	61.0	3,050	1.25	3,813
RYE	1981	30	3	Bu	35.0	105	3.35	352
	1982	32	4	Bu	34.0	136	3.10	422
	1983	30	4	Bu	34.0	136	2.52	343
	1984	29	4	Bu	31.0	124	2.12	263
	1985	29	3	Bu	35.0	105	2.10	221
	1986	30	4	Bu	34.0	136	1.55	211

CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE, DELAWARE, 1981-1986

CROP	YEAR	ACREAGE		UNIT	PRODUCTION		SEASON AVERAGE PRICE	VALUE OF PRODUCTION
		PLANTED	HARVESTED		PER ACRE	TOTAL		
		1,000				1,000	Dollars Per Unit	1,000 Dollars
POTATOES	1981	5.3	5.2	Cwt	240	1,248	9.30	11,606
	1982	5.4	5.4	Cwt	290	1,566	4.80	7,517
	1983	5.4	5.4	Cwt	185	999	10.70	10,689
	1984	5.5	5.5	Cwt	230	1,265	11.20	14,168
	1985	6.5	6.5	Cwt	280	1,820	3.90	7,098
	1986	7.0	6.9	Cwt	190	1,311	6.50	8,522
HAY, ALL	1981	--	17	Tons	2.65	45	72.50	3,263
	1982	--	19	Tons	2.63	50	90.00	4,500
	1983	--	20	Tons	2.50	50	107.00	5,350
	1984	--	21	Tons	2.67	56	94.00	5,264
	1985	--	22	Tons	2.68	59	85.00	5,015
	1986	--	23	Tons	2.17	50	119.00	5,950
HAY, ALFALFA	1981	--	7	Tons	3.80	27	--	--
	1982	--	7	Tons	3.80	27	--	--
	1983	--	7	Tons	3.40	24	--	--
	1984	--	7	Tons	3.70	26	--	--
	1985	--	7	Tons	3.90	27	--	--
	1986	--	7	Tons	3.00	21	--	--
HAY, ALL OTHER	1981	--	10	Tons	1.80	18	--	--
	1982	--	12	Tons	1.90	23	--	--
	1983	--	13	Tons	2.00	26	--	--
	1984	--	14	Tons	2.15	30	--	--
	1985	--	15	Tons	2.10	32	--	--
	1986	--	16	Tons	1.80	29	--	--
APPLES 1/ 2/	1981	--	--	Lbs	--	13,100	.141	1,841
	1982	--	--	Lbs	--	14,500	.098	1,423
	1983	--	--	Lbs	--	19,000	.086	1,642
	1984	--	--	Lbs	--	24,000	.092	2,154
	1985	--	--	Lbs	--	19,000	.087	1,656
	1986	--	--	Lbs	--	27,000	.091	2,456
PEACHES 1/	1981	--	--	Lbs	--	1,600	.188	301
	1982	--	--	Lbs	--	1,700	.215	366
	1983	--	--	Lbs	--	2,000	.201	402
	1984	--	--	Lbs	--	2,000	.220	352
	1985	--	--	Lbs	--	1,200	.262	314
	1986	--	--	Lbs	--	2,700	.185	500

1/ Production and value are for utilized production.
2/ Pre-1983 data was not open for revision.

CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE,
UNITED STATES, 1982-1986

CROP	YEAR	ACREAGE		UNIT	PRODUCTION		SEASON AVERAGE PRICE	VALUE OF PRODUCTION
		PLANTED	HARVESTED		PER ACRE	TOTAL		
		Thou.				Thou.	Dollars Per Unit	Thou. Dollars
CORN, all	1982	81,857	81,278	--	--	--	--	--
	1983	60,217	59,597	--	--	--	--	--
	1984	80,543	79,786	--	--	--	--	--
	1985	83,448	82,591	--	--	--	--	--
	1986	76,674	N/A	--	--	--	--	--
CORN, for grain	1982	--	72,719	Bu	113.2	8,235,101	2.68	22,039,409
	1983	--	51,483	Bu	81.1	4,174,678	3.25	13,534,930
	1984	--	71,915	Bu	106.7	7,674,020	2.62	20,084,595
	1985	--	75,134	Bu	118.0	8,876,706	2.37	21,029,100
	1986	--	69,189	Bu	119.3	8,252,834	1.49	12,387,438
CORN, silage	1982	--	8,252	Ton	14.3	117,782	--	--
	1983	--	7,814	Ton	12.3	96,347	--	--
	1984	--	7,541	Ton	13.9	104,590	--	--
	1985	--	7,160	Ton	14.4	102,253	--	--
	1986	--	6,244	Ton	14.2	88,510	--	--
WHEAT, winter	1982	65,516	57,633	Bu	36.0	2,073,560	3.50	7,248,918
	1983	62,105	47,584	Bu	41.8	1,988,304	3.48	6,910,125
	1984	63,419	51,513	Bu	40.0	2,060,266	3.33	6,861,900
	1985	57,752	47,953	Bu	38.1	1,827,615	3.10	5,667,185
	1986	53,930	43,170	Bu	35.2	1,519,143	2.27	3,483,438
OATS	1982	13,951	10,258	Bu	57.8	592,630	1.49	884,153
	1983	20,289	9,072	Bu	52.6	476,961	1.67	794,520
	1984	12,414	8,163	Bu	58.0	473,661	1.69	797,854
	1985	13,255	8,177	Bu	63.7	520,800	1.24	649,229
	1986	14,708	6,870	Bu	56.0	384,546	1.16	431,626
SOYBEANS	1982	70,884	69,442	Bu	31.5	2,190,297	5.69	12,462,779
	1983	63,779	62,525	Bu	26.2	1,635,772	7.81	12,774,974
	1984	67,755	66,113	Bu	28.1	1,860,863	5.78	10,748,050
	1985	63,130	61,584	Bu	34.1	2,098,531	5.04	10,571,324
	1986	61,480	59,427	Bu	33.8	2,007,033	4.65	9,326,189
BARLEY	1982	9,549	9,013	Bu	57.2	515,935	2.22	1,143,209
	1983	10,422	9,731	Bu	52.3	508,925	2.50	1,268,906
	1984	11,957	11,231	Bu	53.4	599,204	2.26	1,356,316
	1985	13,156	11,503	Bu	51.0	591,383	1.98	1,168,621
	1986	13,059	12,007	Bu	50.8	610,497	1.56	945,804
RYE	1982	2,533	677	Bu	28.9	19,533	2.39	47,460
	1983	2,707	896	Bu	30.3	27,116	2.17	60,074
	1984	2,971	981	Bu	33.1	32,463	2.08	68,828
	1985	2,563	717	Bu	28.8	20,637	2.05	43,251
	1986	2,384	677	Bu	28.8	19,498	1.35	27,438

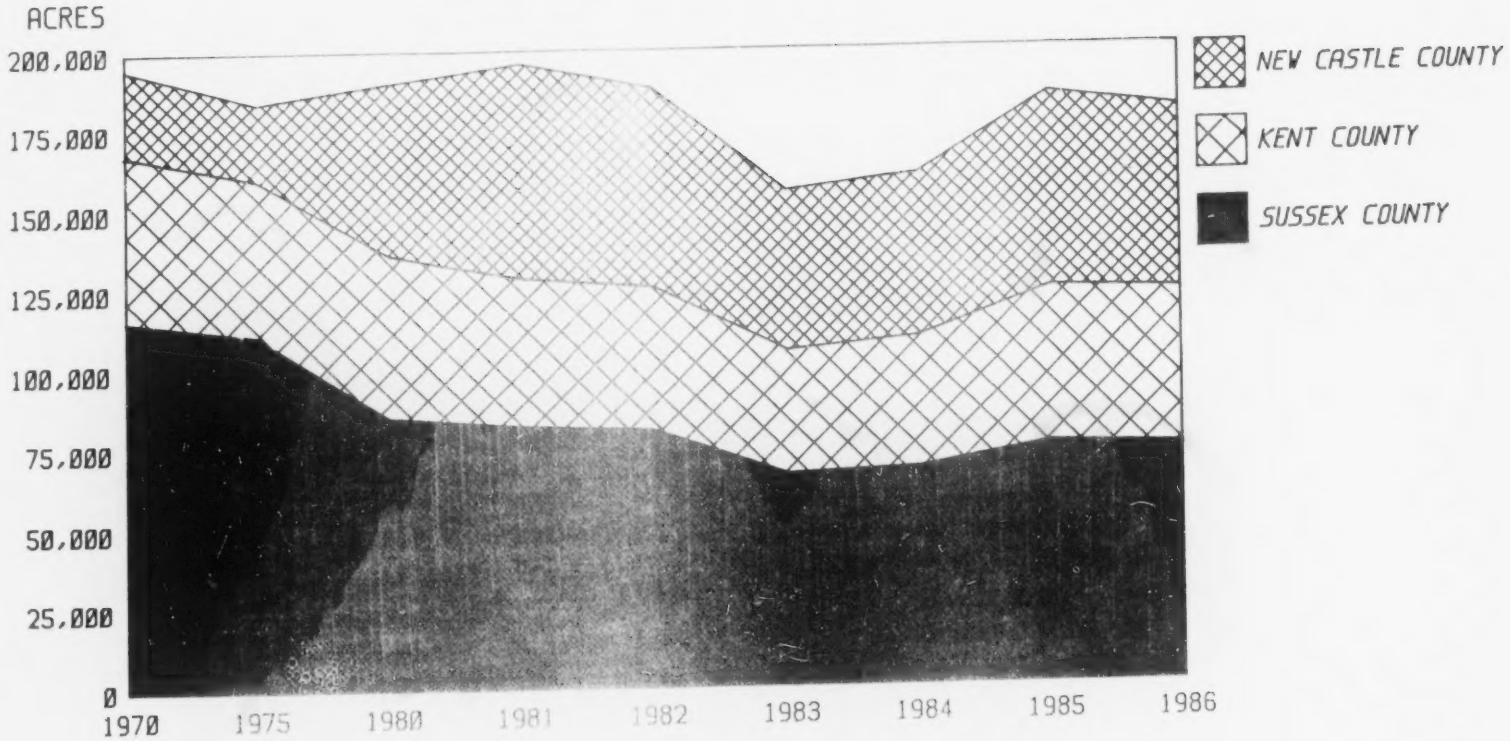
CROPS: ACREAGE, YIELD, PRODUCTION AND VALUE, UNITED STATES, 1982-1986...CONTINUED

CROP	YEAR	ACREAGE		UNIT	PRODUCTION		SEASON AVERAGE PRICE	VALUE OF PRODUCTION
		PLANTED	HARVESTED		PER ACRE	TOTAL		
		thousand				Thou.	Dollars Per Unit	Thou. Dollars
POTATOES,SUMMER	1982	103.4	101.1	Cwt.	225	22,770	6.30	143,014
	1983	104.1	100.1	Cwt.	187	18,701	8.11	151,240
	1984	111.5	107.2	Cwt.	215	23,086	9.14	209,222
	1985	117.6	114.9	Cwt.	244	27,794	4.86	135,021
	1986	103.1	95.8	Cwt.	218	20,900	N/A	N/A
SWEET POTATOES	1982	118.7	115.4	Cwt.	129	14,833	8.03	119,108
	1983	105.3	102.4	Cwt.	118	12,083	13.60	164,328
	1984	106.4	103.5	Cwt.	125	12,986	14.00	182,191
	1985	110.2	105.3	Cwt.	141	14,853	8.81	130,450
	1986	97.1	93.4	Cwt.	136	12,674	11.00	139,414
HAY, ALL	1982	--	59,812	Tons	2.50	149,241	69.30	9,529,516
	1983	--	59,717	Tons	2.36	140,764	75.80	9,967,208
	1984	--	61,445	Tons	2.45	150,648	72.70	10,203,921
	1985	--	60,423	Tons	2.46	148,601	67.60	9,437,282
	1986	--	62,274	Tons	2.49	155,271	59.60	9,254,152
HAY, ALFALFA	1982	--	26,188	Tons	3.38	88,385	--	---
	1983	--	25,710	Tons	3.20	82,212	--	---
	1984	--	26,799	Tons	3.36	90,015	--	---
	1985	--	25,608	Tons	3.32	85,048	--	---
	1986	--	26,746	Tons	3.42	91,424	--	---
HAY, ALL OTHER	1982	--	33,624	Tons	1.81	60,856	--	---
	1983	--	34,007	Tons	1.72	58,552	--	---
	1984	--	34,646	Tons	1.75	60,543	--	---
	1985	--	34,815	Tons	1.83	63,553	--	---
	1986	--	35,526	Tons	1.80	63,847	--	---
VEGETABLES 1/	1982	2,278	2,190	Tons	--	21,540	--	3,553,146
	1983	2,217	2,135	Tons	--	20,166	--	3,655,198
	1984	2,548	2,246	Tons	--	22,870	--	4,222,115
	1985	2,559	2,467	Tons	--	23,369	--	4,128,736
	1986	2,424	2,313	Tons	--	23,081	--	4,191,707
APPLES 2/	1982	--	--	Lbs.	--	8,110,200	.100	809,004
	1983	--	--	Lbs.	--	8,352,400	.105	879,036
	1984	--	--	Lbs.	--	8,333,000	.112	927,622
	1985	--	--	Lbs.	--	7,921,500	.117	915,607
	1986	--	--	Lbs.	--	7,891,000	.136	1,068,326
PEACHES 2/	1982	--	--	Lbs.	--	2,101,900	14.4	302,550
	1983	--	--	Lbs.	--	1,753,800	14.8	259,801
	1984	--	--	Lbs.	--	2,659,300	13.0	320,671
	1985	--	--	Lbs.	--	2,147,300	15.0	307,338
	1986	--	--	Lbs.	--	2,326,400	14.6	326,810

1/ Commercial crops for fresh market and processing combined. Years are not comparable because of changes in estimating program.
2/ Production and value are for utilized production.

DELAWARE CORN

Acres Planted
1970 - 1986



CORN: ACREAGE, YIELD AND PRODUCTION BY COUNTIES,
DELAWARE: 1980-1986

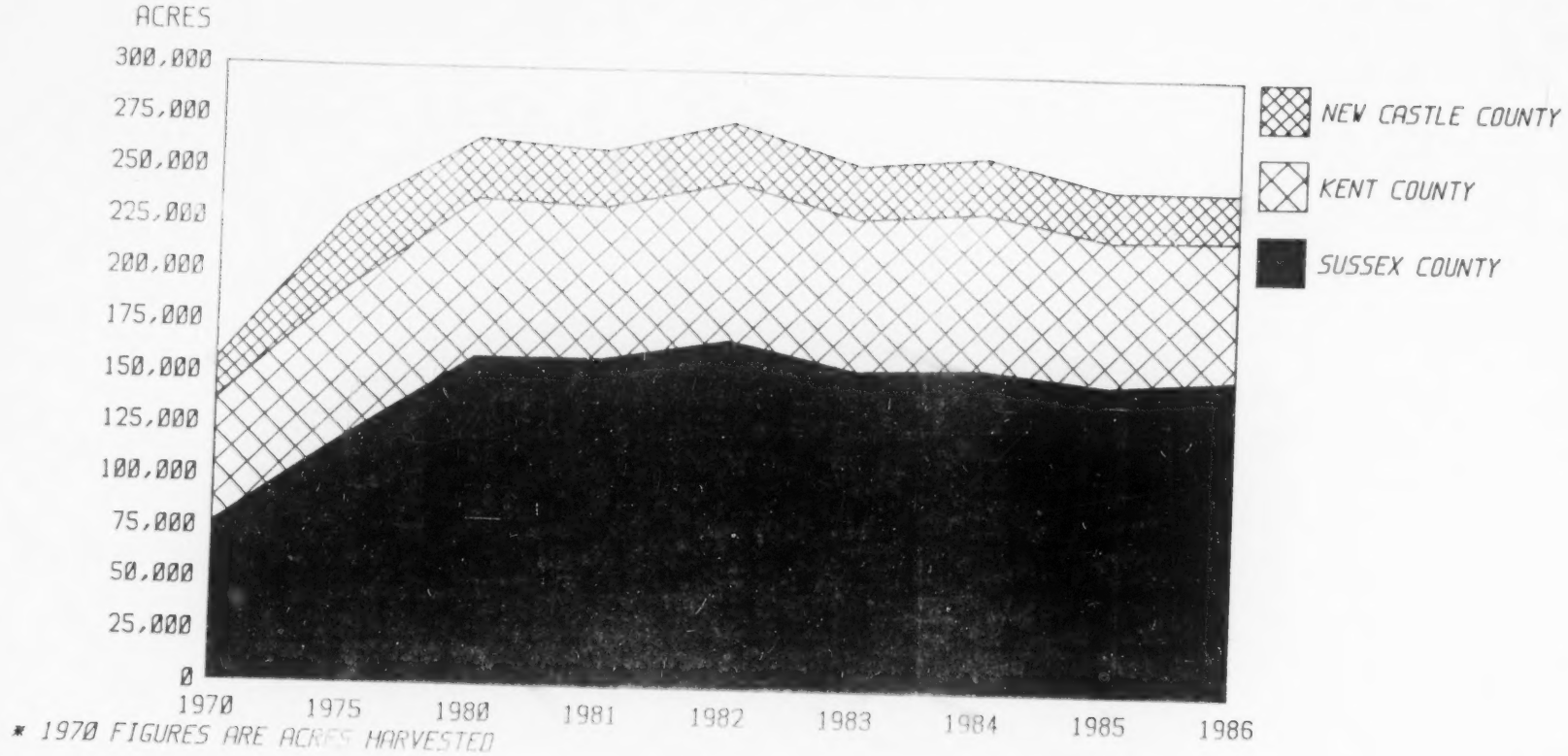
COUNTY	YEAR	ACRES		AVERAGE YIELD PER ACRE	PRODUCTION
		PLANTED	HARVESTED		
		Acres		Bushels	
NEW CASTLE	1980	53,800	50,000	77.0	3,850,000
	1981	67,400	62,000	103.0	6,385,000
	1982	62,600	62,000	101.0	6,262,000
	1983	50,000	45,000	68.0	3,060,000
	1984	51,200	47,000	117.0	5,501,000
	1985	61,000	56,000	120.0	6,720,000
	1986	57,000	54,000	101.0	5,445,000
KENT	1980	51,000	47,000	81.0	3,807,000
	1981	46,500	44,000	90.0	3,960,000
	1982	44,900	44,500	105.0	4,672,500
	1983	38,800	37,000	76.0	2,812,000
	1984	41,000	38,900	118.0	4,590,000
	1985	49,000	46,000	110.0	5,055,000
	1986	49,000	44,700	82.0	3,665,000
SUSSEX	1980	85,200	80,000	63.6	5,087,000
	1981	82,100	75,000	67.2	5,040,000
	1982	80,500	70,500	101.0	7,119,500
	1983	66,200	63,000	79.4	5,003,000
	1984	67,800	64,100	107.0	6,859,000
	1985	75,000	73,000	100.0	7,300,000
	1986	74,000	70,300	70.0	4,917,000

CORN FOR SILAGE: ACREAGE, YIELD AND PRODUCTION BY COUNTIES,
DELAWARE: 1980-1986

COUNTY	YEAR	HARVESTED	AVERAGE YIELD PER ACRE	PRODUCTION
		Acres	Tons	Tons
NEW CASTLE	1980	2,700	13.7	37,100
	1981	5,000	14.0	70,000
	1982	4,000	13.0	52,000
	1983	4,100	13.0	53,300
	1984	3,400	16.5	56,000
	1985	2,900	18.0	51,500
	1986	2,600	13.6	35,400
KENT	1980	3,000	15.0	45,000
	1981	1,800	12.0	21,600
	1982	1,300	15.0	19,500
	1983	1,300	15.0	19,500
	1984	1,600	15.0	24,000
	1985	2,600	14.0	35,800
	1986	3,400	9.0	30,600
SUSSEX	1980	4,300	13.0	55,900
	1981	5,200	10.5	54,400
	1982	4,700	16.7	78,500
	1983	2,600	15.1	39,200
	1984	3,000	16.0	48,000
	1985	1,500	12.0	17,700
	1986	3,000	11.0	33,000

DELAWARE SOYBEANS

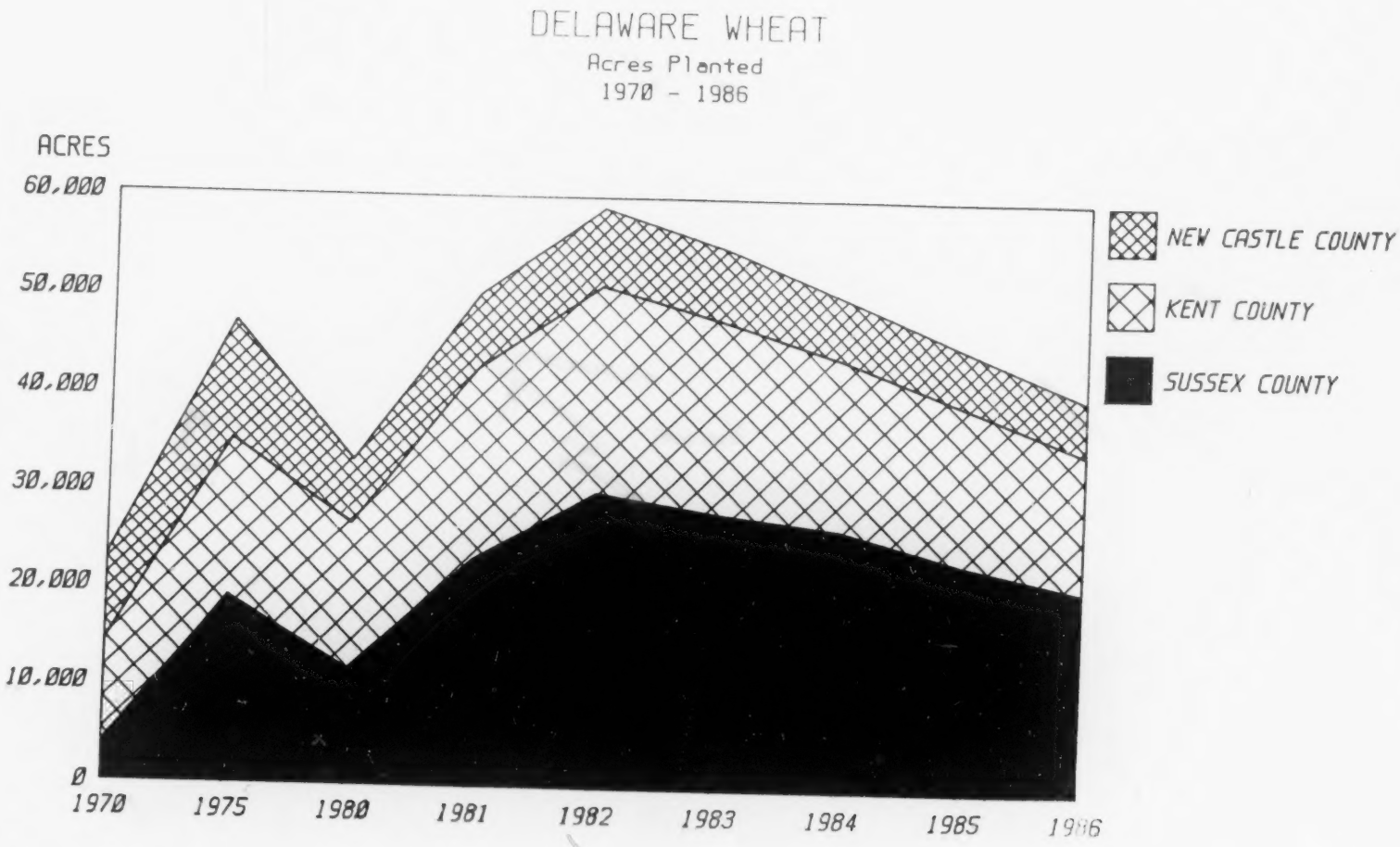
Acres Planted
1970 - 1986



* 1970 FIGURES ARE ACRES HARVESTED

SOYBEANS: ACREAGE, YIELD AND PRODUCTION BY COUNTIES
DELAWARE: 1970, 1975, 1978-1986

COUNTY	YEAR	ACRES		AVERAGE YIELD PER ACRE	PRODUCTION
		PLANTED	HARVESTED		
		Acres			Bushels
NEW CASTLE	1970	--	19,000	22.8	434,000
	1975	36,500	36,000	27.0	972,000
	1978	31,700	31,000	29.0	899,000
	1979	38,200	37,700	30.0	1,131,000
	1980	29,200	28,000	22.0	616,000
	1981	27,000	26,700	32.0	855,000
	1982	29,000	28,000	28.0	784,000
	1983	25,600	25,100	25.0	627,500
	1984	26,700	25,200	28.0	705,600
	1985	24,000	23,000	33.0	760,000
	1986	23,000	22,000	27.0	590,000
KENT	1970	--	60,000	21.9	1,312,000
	1975	72,500	72,000	25.0	1,800,000
	1978	78,500	76,800	29.0	2,227,200
	1979	84,500	82,800	30.0	2,484,000
	1980	76,900	76,100	23.0	1,750,300
	1981	74,000	72,300	26.0	1,880,000
	1982	77,000	75,500	22.0	1,661,000
	1983	73,900	72,400	31.0	2,244,400
	1984	76,100	72,300	29.0	2,096,700
	1985	71,000	70,000	31.0	2,170,000
	1986	68,000	66,000	24.0	1,590,000
SUSSEX	1970	--	77,000	19.9	1,530,000
	1975	119,000	117,000	24.0	2,853,000
	1978	154,800	152,200	29.0	4,413,800
	1979	157,300	154,500	30.0	4,635,000
	1980	158,900	155,900	18.0	2,833,700
	1981	159,000	156,000	26.6	4,150,000
	1982	169,000	166,500	24.2	4,035,000
	1983	155,500	152,500	28.7	4,378,100
	1984	157,200	152,500	21.0	3,197,700
	1985	150,000	147,000	29.0	4,270,000
	1986	154,000	152,000	25.0	3,820,000

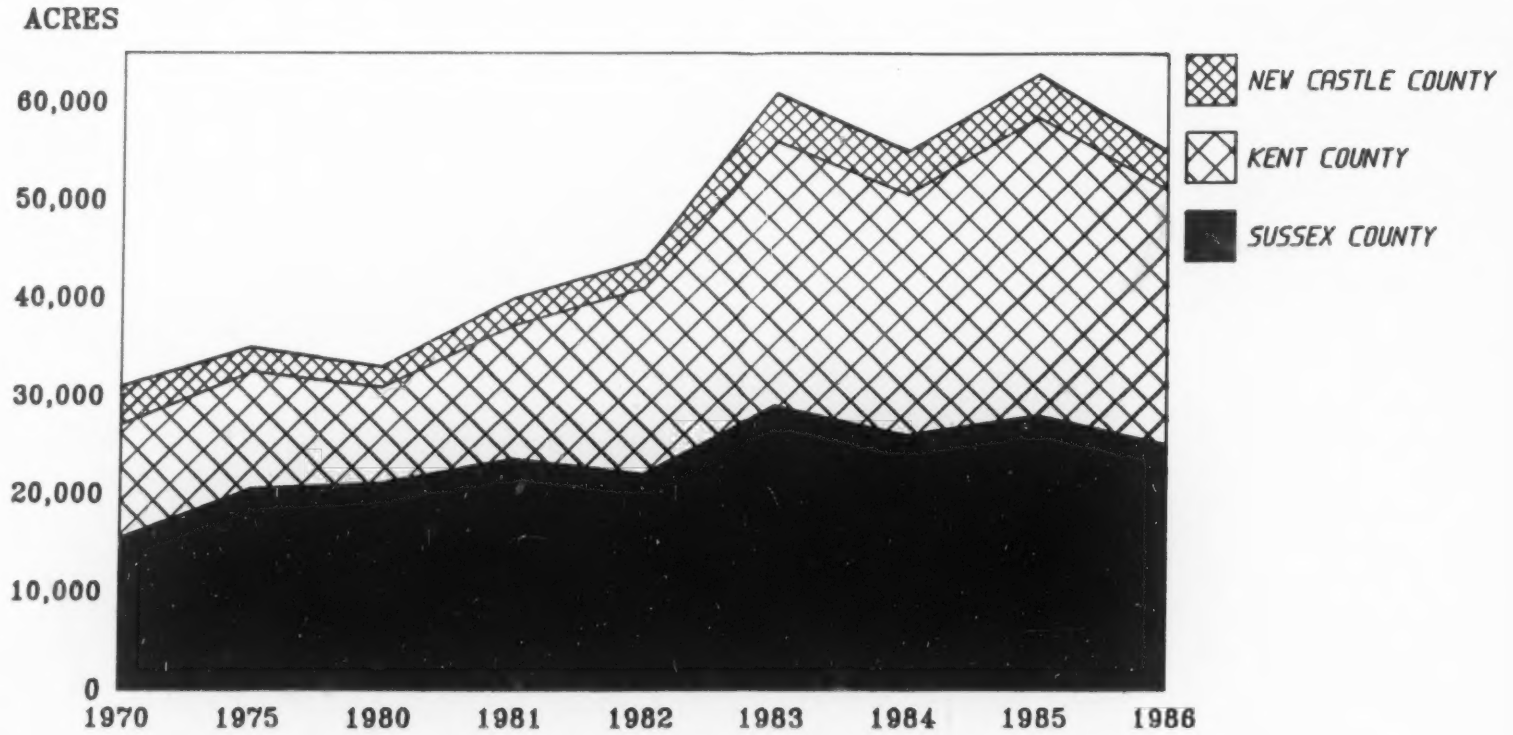

DELAWARE WHEAT
Acres Planted
1970 - 1986
ACRES
60,000
50,000
40,000
30,000
20,000
10,000
0
1970
1975
1980
1981
1982
1983
1984
1985
1986
NEW CASTLE COUNTY
KENT COUNTY
SUSSEX COUNTY

WHEAT: ACREAGE, YIELD AND PRODUCTION BY COUNTIES,
DELAWARE: 1970, 1975, 1978-1986

COUNTY	YEAR	ACRES		AVERAGE YIELD PER ACRE	PRODUCTION
		PLANTED	HARVESTED		
		Acres			Bushels
NEW CASTLE	1970	9,700	8,300	42.0	349,000
	1975	12,000	11,500	36.0	409,000
	1978	4,100	3,500	38.0	133,000
	1979	5,000	5,000	35.0	174,000
	1980	6,500	5,600	41.0	231,000
	1981	7,500	7,000	39.0	273,000
	1982	8,000	7,800	39.0	304,200
	1983	7,400	7,200	41.7	300,200
	1984	6,200	6,100	44.0	268,400
	1985	5,800	5,700	51.0	291,000
	1986	5,500	4,900	54.5	267,000
KENT	1970	10,400	9,000	41.1	370,000
	1975	16,000	15,000	34.0	510,000
	1978	8,300	7,700	33.0	257,000
	1979	10,000	9,000	33.0	296,000
	1980	14,700	11,800	40.0	473,000
	1981	19,500	18,800	39.2	737,000
	1982	21,000	20,700	38.0	786,600
	1983	19,600	19,400	38.0	737,200
	1984	17,300	16,900	39.0	659,100
	1985	16,100	15,300	50.0	765,000
	1986	14,000	11,700	44.0	515,000
SUSSEX	1970	3,900	3,700	44.1	163,000
	1975	19,000	18,500	33.0	611,000
	1978	11,600	5,800	35.0	205,000
	1979	7,000	7,000	35.0	244,000
	1980	11,800	9,600	39.0	376,000
	1981	23,000	22,200	41.0	910,000
	1982	30,000	29,500	41.7	1,229,200
	1983	28,000	27,400	39.0	1,068,600
	1984	26,500	26,000	41.6	1,081,500
	1985	23,100	22,000	46.0	1,008,000
	1986	20,500	17,400	43.0	748,000

DELAWARE BARLEY

Acres Planted
1970 - 1986



BARLEY: ACREAGE, YIELD AND PRODUCTION BY COUNTIES,
DELAWARE: 1970, 1975, 1977-1986

COUNTY	YEAR	ACRES PLANTED	ACRES HARVESTED	AVERAGE YIELD PER ACRE	PRODUCTION
		Acres		Bushels	
NEW CASTLE	1970	4,000	3,800	51.0	194,000
	1975	2,500	2,000	46.0	92,000
	1977	2,000	1,500	50.0	75,000
	1978	2,000	1,500	50.0	75,000
	1979	2,000	1,800	48.0	86,400
	1980	2,100	1,900	50.0	95,000
	1981	2,800	2,500	52.0	130,000
	1982	3,000	2,600	60.0	156,000
	1983	5,000	4,000	57.0	228,000
	1984	4,400	4,200	57.0	239,400
	1985	4,500	4,300	61.0	262,000
	1986	4,000	3,600	62.0	223,000
KENT	1970	11,500	8,200	45.0	369,000
	1975	12,000	9,000	49.0	441,000
	1977	12,000	7,500	47.0	352,000
	1978	11,000	8,500	41.0	351,000
	1979	11,000	8,200	48.0	393,600
	1980	9,800	7,900	50.0	395,000
	1981	13,700	11,800	53.0	625,400
	1982	19,000	17,300	60.7	1,050,700
	1983	27,000	24,700	55.0	1,358,500
	1984	24,600	23,000	54.6	1,256,600
	1985	30,500	28,400	60.0	1,704,000
	1986	26,000	23,900	62.0	1,482,000
SUSSEX	1970	15,500	10,000	47.0	471,000
	1975	20,500	16,000	46.0	736,000
	1977	20,000	13,000	42.0	541,000
	1978	20,000	14,000	45.0	630,000
	1979	20,000	15,000	43.0	645,000
	1980	21,100	15,200	48.0	735,000
	1981	23,500	18,700	51.4	960,600
	1982	22,000	18,100	53.0	959,300
	1983	29,000	24,300	54.7	1,328,500
	1984	26,000	22,800	55.0	1,254,000
	1985	28,000	24,300	55.0	1,340,000
	1986	25,000	22,500	59.8	1,345,000

DELMARVA CROP PRODUCTION

ACREAGE, AVERAGE YIELD AND PRODUCTION, DELMARVA 1975, 1980-1986

CROP	YEAR	ACREAGE		PRODUCTION	
		PLANTED	HARVESTED	PER ACRE	TOTAL
		Acres		Bushels	
CORN, GRAIN	1975	534,400	498,100	94.4	47,020,500
	1980	570,000	540,600	74.4	40,229,100
	1981	585,200	555,800	98.9	54,972,500
	1982	569,030	538,100	108.1	58,180,200
	1983	478,500	449,600	72.1	32,398,000
	1984	503,800	474,400	118.9	56,415,000
	1985	559,900	534,100	113.0	60,129,000
	1986	533,700	499,500	79.7	39,801,000
				Tons	
CORN, SILAGE 1/	1975	N/A	N/A	N/A	N/A
	1980	N/A	23,500	14.6	342,000
	1981	N/A	24,200	13.4	324,560
	1982	N/A	26,700	16.4	438,320
	1983	N/A	24,900	12.4	309,600
	1984	N/A	26,300	16.8	441,300
	1985	N/A	21,900	16.2	353,800
	1986	N/A	29,800	11.3	336,300
				Bushels	
SOYBEANS	1975	591,200	528,800	27.0	15,735,800
	1980	701,400	688,400	21.6	14,842,400
	1981	659,800	650,500	29.1	18,961,000
	1982	725,200	715,500	27.4	19,606,000
	1983	681,100	664,800	26.3	17,461,400
	1984	727,300	707,000	27.0	19,109,000
	1985	678,500	665,600	30.0	20,010,000
	1986	658,400	645,200	27.0	17,269,000
WHEAT	1975	143,350	134,600	34.0	4,571,000
	1980	104,400	95,700	39.7	3,800,700
	1981	169,400	165,300	43.3	7,156,700
	1982	185,400	180,200	43.2	7,780,800
	1983	182,400	172,900	41.8	7,228,000
	1984	167,100	162,950	43.7	7,123,800
	1985	156,300	150,300	49.5	7,453,000
	1986	159,000	143,700	47.0	6,700,000
BARLEY	1975	102,050	84,600	44.8	3,787,000
	1980	91,900	71,800	51.5	3,695,600
	1981	107,900	94,200	58.5	5,509,400
	1982	116,400	104,420	59.0	6,157,600
	1983	137,200	120,940	56.2	6,792,600
	1984	136,900	124,700	57.9	7,225,700
	1985	140,500	129,600	57.9	7,508,000
	1986	118,200	110,300	60.7	6,697,600

1/ Estimates are only for Delaware and Maryland Eastern Shore.
NA Not Available.

STOCKS OF GRAIN BY QUARTERS, DELAWARE 1984-1986

CROP & DATE	1984 ON FARM	1984 OFF FARM	1984 TOTAL	1985 ON FARM	1985 OFF FARM	1985 TOTAL	1986 ON FARM	1986 OFF FARM	1986 TOTAL
				Thou. Bushels					
CORN									
January 1	2,719	4,576	7,295	5,933	6,721	12,654	4,769	5,460	10,229
April 1	1,088	4,137	5,225	2,882	1/	1/	1/	5,420	1/
June 1	653	3,241	3,894	1,595	4,158	5,853	1/	4,004	1/
September 1 2/	109	1/	1/	339	1/	340	1/	1,526	1/
BARLEY									
October 1 3/	496	899	1,395	660	346	1,006	529	951	1,480
January 1	379	221	600	440	1/	1/	149	227	376
April 1	175	95	270	165	110	275	1/	1/	1/
June 1	58	49	107	28	169	197	1/	77	1/
WHEAT									
October 1 3/	211	1,208	1,419	80	1,079	1,159	52	1,488	1,540
January 1	105	741	846	60	464	524	2/	505	526
April 1	32	281	313	20	1/	1/	1/	60	1/
June 1	21	1/	1/	4	47	51	1/	54	1/
SOYBEANS									
January 1	1,450	1/	1/	1,080	1/	1/	1,152	6,522	7,674
April 1	1,233	1/	1/	660	1/	1/	1/	1/	1/
June 1	798	1/	1/	480	1/	1/	1/	1/	1/
September 1	145	1/	1/	60	1/	1/	1/	1/	1/
HAY									
January 1	25	--	--	28	--	--	40	--	--
May 1	4	--	--	17	--	--	10	--	--

1/ Not published to avoid disclosure of individual operations.
2/ In 1984 and 1985 the reference date was October 1.
3/ October 1 of the previous year.

QUANTITY AND VALUE OF PRODUCTS FROM DELAWARE'S FORESTS BY DELAWARE COMPANIES IN 1985

CLASS	BOARD FEET OR CORDS	VALUE ($)
Loggers		Stumpage
Hardwood	17,804,000 BF	$1,641,529
Softwood	6,423,000 BF	$ 762,217
Firewood		Retail
Green	2,475 CORDS	$ 170,383
Seasoned	6,524 CORDS	$ 544,141

FRUIT: PRODUCTION AND VALUE, DELAWARE

YEAR	TOTAL PRODUCTION	SEASON AVERAGE PRICE	VALUE OF UTILIZED PRODUCTION
	Million Pounds	Cents Per Pound	Thou. Dollars
	APPLES		
1980	13.5	8.7	1,177
1983	19.0	8.6	1,642
1984	24.0	9.2	2,154
1985	19.0	8.7	1,656
1986	27.0	9.1	2,456
	PEACHES		
1970	3.0	7.8	234
1975	3.0	10.1	303
1980	1.4	11.8	165
1983	2.0	20.1	402
1984	2.0	22.0	352
1985	1.2	26.2	314
1986	2.7	18.5	500

MUSHROOMS: AREA, PRODUCTION, PRICE AND VALUE, DELAWARE, 1970-1986
JULY 1 TO JUNE 30

YEAR	AREA IN PRODUCTION			TOTAL PRODUCTION	PRICE PER POUND	VALUE OF PRODUCTION
	FIRST FILLING	SECOND FILLING	ADDITIONAL FILLINGS			
	Thou. Square Feet			Thou. Lbs.	Cents	Thou. Dollars
1970-71	1,014	815	188	2,017	5,395	42.4	2,290
1974-75	1,175	925	107	2,207	5,569	39.4	2,195
1975-76	1,174	1,012	118	2,304	5,941	56.5	3,356
1976-77	1,209	1,106	135	2,450	7,027	65.6	4,610
1977-78	1,225	1,147	173	2,545	6,511	67.4	4,389
1978-79	1,216	1,129	287	2,632	6,075	64.8	3,935
1979-80	1,295	1,293	210	2,798	6,738	60.2	4,053
1980-81	1,178	1,167	384	2,729	7,025	63.0	4,425
1981-82	965	949	250	2,164	5,546	64.1	3,557
1982-83	1,113	1,094	487	2,694	7,223	67.9	4,902
1983-84	1,073	943	483	2,499	7,289	71.9	5,239
1984-85	1,122	996	695	2,813	8,086	63.9	5,168
1985-86	925	936	882	2,743	7,785	63.4	4,935

DELAWARE: FRESH MARKET VEGETABLES, MELONS, AND STRAWBERRIES
ACREAGE, AVERAGE YIELD, AND PRODUCTION, 1985 AND 1986

CROP	ACRES PLANTED		ACRES HARVESTED		AVERAGE YIELD		PRODUCTION	
	1985	1986	1985	1986	1985	1986	1985	1986
					cwt		cwt	
Sweet Corn	1,680	2,580	1,650	2,520	113	93	186,650	234,040
Watermelons	1,200	1,220	1,070	1,190	277	300	296,100	357,000
Cabbage	560	630	550	630	231	225	127,050	141,750
Spinach	230	230	230	230	56	55	12,880	12,650
Cantaloups	210	220	210	210	124	125	26,040	26,250
Asparagus	300	300	300	300	20	15	6,000	4,500
Cauliflower	70	70	70	70	70	130	4,900	9,100
Tomatoes	80	80	80	50	186	185	14,880	9,250
Lima Beans	30	30	30	30	31	15	930	450
Turnips	20	20	20	20	94	92	1,880	1,840
Sweet Peppers	20	30	10	20	70	85	1,400	1,700
Green Peas	20	30	20	30	40	38	800	1,140
Potatoes	6,500	7,000	6,500	6,900	280	190	1,820,000	1,311,000
Other Vegs.	830	1/ 895	810	1/ 885	--	--	---	---
Strawberries	70	80	70	80	58	34	4,060	2,720
TOTAL	11,820	13,415	11,620	13,165	--	--	---	---

1/ Other Vegetables include: Brussel sprouts, eggplant, hot peppers, kale, okra, onions, pumpkins, radishes, squash, sweet potatoes, snap beans, broccoli, green beets, carrots, cucumbers.

VEGETABLES FOR PROCESSING
ACREAGE, AVERAGE YIELD, AND PRODUCTION, 1985 AND 1986

CROP	ACRES PLANTED		ACRES HARVESTED		AVERAGE YIELD		PRODUCTION	
	1985	1986	1985	1986	1985	1986	1985	1986
					tons		tons	
Tomatoes	1,200	1/	1,100	1/	12.67	1/	13,940	1/
Sweet Corn	4,600	5,200	4,600	4,900	5.73	4.77	26,360	23,370
Green Peas	12,400	10,200	12,400	9,600	1.79	1.61	22,200	15,460
Lima Beans	11,100	13,600	10,600	13,300	.85	70	9,010	9,310
Cucumbers	1,500	1/	1,500	1/	4.35	1/	6,530	1/
Hot Peppers	280	290	280	290	7.79	7.00	2,180	2,030
Sweet Peppers	110	120	110	120	3.73	3.58	410	430
Other Vegs.	3,770	2/ 6,520 2/	3,770	2/ 6,220 2/	--	--	---	---
TOTAL	34,960	35,930	34,360	34,430	--	--	---	---

1/ Not published separately to avoid disclosure of individual operation. Acreage i included in other vegetables.

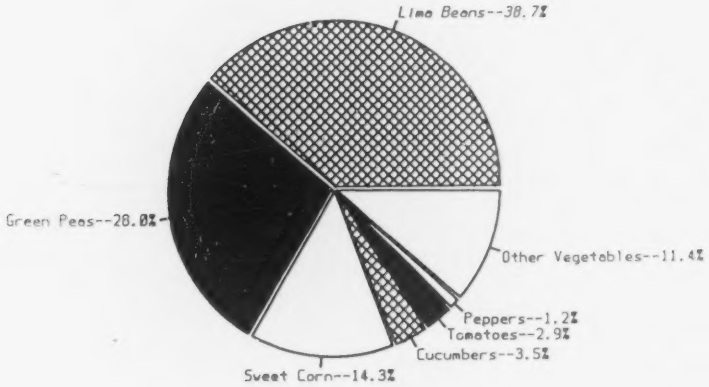
2/ Includes snap beans, carrots, zucchini and spinach.

VEGETABLES FOR PROCESSING: ACREAGE, YIELD, PRODUCTION AND VALUE, DELAWARE, 1980-1986

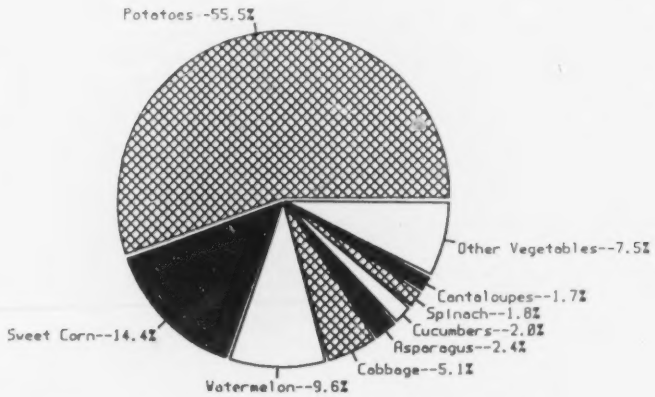
CROP	YEAR	PLANTED	HARVESTED	PRODUCTION PER ACRE	PRODUCTION TOTAL	SEASON AVERAGE PRICE	VALUE OF PRODUCTION
		Acres		Tons		Dollars Per Ton	1,000 Dollars
GREEN LIMA BEANS	1980	9,500	9,300	.73	6,790	309.00	2,098
	1981	11,000	10,800	.95	10,260	374.00	3,837
	1982 1/	--	--	--	--	--	--
	1983	14,100	13,600	.79	10,470	--	--
	1984	10,500	10,300	.83	8,550	314.00	2,685
	1985	11,100	10,600	.85	9,010	320.00	2,883
	1986	13,600	13,300	.70	9,310	365.00	3,398
SNAP BEANS	1980	6,100	6,100	2.03	12,400	159.00	1,972
	1981 1/	--	--	--	--	--	--
	1982 1/	--	--	--	--	--	--
	1983 1/	--	--	--	--	--	--
	1984 1/	--	--	--	--	--	--
	1985 1/	--	--	--	--	--	--
	1986 1/	--	--	--	--	--	--
SWEET CORN	1980	2,400	2,400	4.90	11,770	85.40	1,005
	1981	3,400	3,000	3.14	9,420	79.50	749
	1982	3,900	3,900	5.28	20,590	58.00	1,194
	1983	4,000	4,000	4.58	18,320	65.20	1,194
	1984	5,200	5,000	5.71	28,550	79.80	2,278
	1985	4,600	4,600	5.73	26,360	71.20	1,877
	1986	5,200	4,900	4.77	23,370	47.90	1,119
CUCUMBERS FOR PICKLES	1980	1,600	1,600	4.50	7,200	147.00	1,058
	1981	1,700	1,700	4.41	7,500	156.00	1,170
	1982 1/	--	--	--	--	--	--
	1983	1,600	1,500	5.49	8,240	--	--
	1984	1,500	1,500	4.77	7,160	137.00	981
	1985	1,500	1,500	4.35	6,530	144.00	940
	1986 1/	--	--	--	--	--	--
GREEN PEAS 2/	1980	5,800	5,800	1.53	8,870	248.00	2,195
	1981	8,000	7,800	1.60	12,480	238.00	2,970
	1982	8,100	7,900	1.73	13,670	270.00	3,691
	1983	9,900	9,400	1.47	13,820	209.00	2,888
	1984	11,600	11,500	1.40	16,100	276.00	4,444
	1985	12,400	12,400	1.79	22,200	277.00	6,149
	1986	10,200	9,600	1.61	15,460	239.00	3,695
TOMATOES	1980 1/	--	--	--	--	--	--
	1981 1/	--	--	--	--	--	--
	1982	1,300	1,200	14.86	17,830	84.40	1,505
	1983	840	840	13.36	11,220	71.50	802
	1984	840	820	18.09	14,830	76.50	1,134
	1985	1,200	1,100	12.67	13,940	72.10	1,005
	1986 1/	--	--	--	--	--	--

1/ Not published separately to avoid disclosure of individual operations.
2/ Shelled basis.

DELAWARE PROCESSING VEGETABLES
Acres Harvested
1986



DELAWARE FRESH MARKET VEGETABLES
Acres Harvested
1986



VEGETABLES: ACREAGE, YIELD AND PRODUCTION, DELAWARE, BY COUNTIES, 1986

NEW CASTLE

CROP	FRESH MARKET				PROCESSING				TOTAL PLANTED ACRES
	ACREAGE		YIELD CWT.	PRODUCTION CWT.	ACREAGE		YIELD TONS	PRODUCTION TONS	
	PLANTED	HARVESTED			PLANTED	HARVESTED			
Asparagus	20	20	15	300	--	--	--	--	20
Lima Beans	10	10	16	160	--	--	--	--	10
Cabbage	60	60	230	13,800	--	--	--	--	60
Cantaloupes	45	35	115	4,030	--	--	--	--	45
Cauliflower	20	20	140	2,800	--	--	--	--	20
Cucumbers	--	--	--	--	--	--	--	--	--
Green Peas	15	15	39	590	1/	1/	--	1/	1/
Sweet Peppers	10	5	86	430	--	--	--	--	10
Spinach	100	100	56	5,600	1/	1/	--	1/	1/
Sweet Corn	320	320	70	22,400	1/	1/	--	1/	1/
Turnips	5	5	72	360	--	--	--	--	5
Watermelons	20	20	200	4,000	--	--	--	--	20
Tomatoes	10	10	180	1,800	1/	1/	--	1/	1/
Other Vegetables	40 2/	40 2/	--	--	1,215 3/	1,215 3/	--	--	1,215
TOTAL	675	660	--	--	1,215	1,215	--	--	1,890
Strawberries	25	25	38	950	--	--	--	--	25

KENT

CROP	FRESH MARKET				PROCESSING				TOTAL PLANTED ACRES
	ACREAGE		YIELD CWT.	PRODUCTION CWT.	ACREAGE		YIELD TONS	PRODUCTION TONS	
	PLANTED	HARVESTED			PLANTED	HARVESTED			
Asparagus	250	250	15	3,780	--	--	--	--	250
Lima Beans	10	10	14	140	1/	1/	1/	1/	1/
Cabbage	560	560	225	126,000	--	--	--	--	560
Cantaloupes	35	35	110	3,850	--	--	--	--	35
Cauliflower	40	40	120	4,750	--	--	--	--	40
Cucumbers	220	220	155	33,900	1/	1/	1/	1/	1/
Green Peas	5	5	36	180	1/	1/	--	1/	1/
Sweet Peppers	10	5	86	430	70	70	5.07	355	80
Spinach	120	120	55	6,600	--	--	--	--	120
Sweet Corn	1,870	1,820	100	182,000	1/	1/	--	1/	1/
Turnips	5	5	96	480	--	--	--	--	5
Watermelons	70	70	265	18,550	--	--	--	--	70
Tomatoes	10	10	165	1,650	1/	1/	--	1/	1/
Other Vegetables	495 2/	485	--	--	13,870 3/	13,650 3/	--	--	13,365
TOTAL	3,700	3,635	--	--	13,940	13,720	--	--	16,890
Strawberries	40	40	32	1,260	--	--	--	--	40

SUSSEX

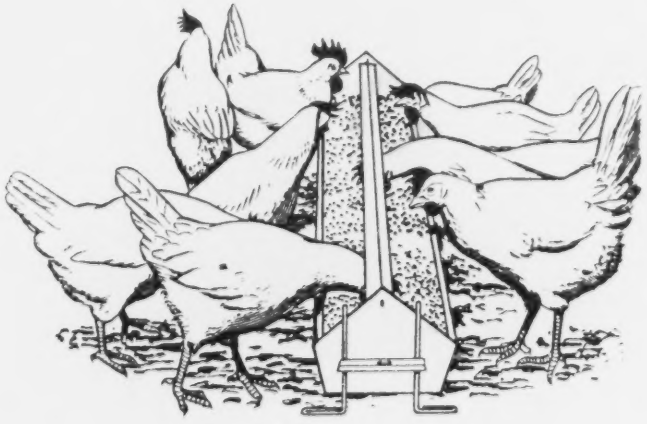
CROP	FRESH MARKET				PROCESSING				TOTAL PLANTED ACRES
	ACREAGE		YIELD CWT.	PRODUCTION CWT.	ACREAGE		YIELD TONS	PRODUCTION TONS	
	PLANTED	HARVESTED			PLANTED	HARVESTED			
Asparagus	30	30	14	420	--	--	--	--	30
Lima Beans	10	10	15	150	1/	1/	--	1/	1/
Cabbage	10	10	195	1,950	--	--	--	--	10
Cantaloupes	140	140	130	18,370	--	--	--	--	140
Cauliflower	10	10	155	1,550	--	--	--	--	10
Cucumbers	30	30	120	3,600	1/	1/	1/	1/	1/
Green Peas	10	10	37	370	1/	1/	--	--	1/
Sweet Peppers	10	10	84	840	50	50	1.50	75	60
Spinach	10	10	45	450	1/	1/	2.32	1/	1/
Sweet Corn	390	380	178	29,640	1/	1/	--	1/	1/
Turnips	10	10	100	1,000	--	--	--	--	10
Watermelons	1,130	1,100	305	334,450	--	--	--	--	1,130
Tomatoes	60	30	195	5,800	1/	1/	--	1/	1/
Other Vegetables	110 2/	110 2/	--	--	20,425 3/	19,145 3/	--	--	20,535
TOTAL	1,960	1,890	--	--	20,675	19,395	--	--	21,245
Strawberries	15	15	34	510	--	--	--	--	15

1/ Not published to avoid disclosure of individual operations. 2/ Includes: snap beans, broccoli, hot peppers, squash, brussel sprouts, pumpkins. 3/ Includes: lima beans, snap beans, green peas, sweet corn, tomatoes, carrots and hot peppers for processing.

POULTRY

Broilers continue to be the mainstay of Delaware agriculture, accounting for the majority of the state°s cash receipts. In 1986 virtually all production figures for broilers were at record high levels. Commercial broiler hatcheries set 213 million broiler eggs in incubators during the 1986 producing year, up 18 percent from the previous years 131 million eggs set. From these eggs set, 175.5 million broiler-type chicks were hatched compared with 149.9 million hatched in 1985, a 17 percent increase from the precious year. Broiler chicks placed in Delaware totaled 215.7 million, 8 percent above the 199.3 million placed in Delaware in 1985. Total liveweight of broilers produced in Delaware amounted to 945 million pounds just slightly above the 943 million pounds produced in 1985. The average liveweight of each meat-type bird was 4.3 pounds and grower level price averaged 37.5 cents per pound. These components combined translated into a total value of $354 million.

The combined production of table and hatchery eggs totaled 135 million eggs in 1986. There is a relatively high proportion of hatching egg flocks in Delaware resulting in an average value per layer of $4.05, high in comparison to other averages across the United States.



BROILER-TYPE EGGS SET, CHICKS HATCHED AND PLACED IN GROWING HOUSES, DELAWARE, BY WEEKS, 1984-1986 1/

YEAR AND WEEK ENDING	EGGS SET	CHICKS HATCHED	CHICKS PLACED	YEAR AND WEEK ENDING	EGGS SET	CHICKS HATCHED	CHICKS PLACED
1984	----- Thousands -----			1985	------- Thousands --------		
Nov 17	3,713	2,820	3,707	Nov 16	4,106	3,264	4,299
24	3,584	2,977	3,548	23	4,079	3,320	4,186
Dec 1	3,663	3,048	4,378	30	4,160	3,318	4,342
8	3,696	3,082	4,016				
15	3,516	3,022	4,072	Dec 07	3,944	3,327	4,205
22	3,780	3,029	4,169	14	3,741	3,285	4,502
29	3,844	3,049	3,662	21	3,807	3,374	4,174
				28	3,735	3,238	3,716
1985				1986			
Jan 5	3,857	2,898	3,507	Jan 04	3,885	3,052	3,701
12	3,899	3,103	4,259	11	3,800	3,086	4,117
19	3,892	3,135	3,671	18	3,827	2,992	3,979
26	3,567	3,156	3,946	25	3,967	3,125	4,194
Feb 2	3,894	3,179	4,159	Feb 01	4,113	3,035	3,436
9	3,858	3,177	4,156	08	4,175	3,085	3,610
16	3,928	2,909	3,400	15	4,160	3,163	4,151
23	3,943	3,167	4,494	22	4,211	3,246	4,181
Mar 2	3,860	3,145	4,358	Mar 01	4,205	3,256	3,781
9	4,029	3,220	4,949	08	4,212	3,267	4,314
16	3,628	3,248	4,262	15	4,196	3,359	4,421
23	3,794	3,249	3,867	22	4,245	3,409	4,565
30	4,083	3,258	3,989	29	4,232	3,453	4,310
Apr 6	4,076	3,060	3,830	Apr 05	4,240	3,499	4,001
13	4,081	3,160	4,075	12	4,114	3,524	4,009
20	4,033	3,432	4,516	19	4,152	3,513	4,158
27	3,837	3,414	4,592	26	4,150	3,537	4,262
May 4	4,037	3,401	4,868	May 03	4,229	3,477	4,021
11	4,100	3,358	4,464	10	4,242	3,495	4,193
18	4,090	3,174	4,148	17	4,355	3,511	4,172
25	4,053	3,372	3,703	24	4,356	3,565	4,883
				31	4,359	3,529	4,610
Jun 1	4,047	3,432	4,254	Jun 07	4,286	3,627	4,215
8	4,032	3,406	3,942	14	4,300	3,624	4,603
15	4,032	3,408	4,524	21	4,091	3,659	4,293
22	3,852	3,434	4,491	28	4,258	3,616	4,432
29	3,600	3,374	4,426				
Jul 6	3,871	3,365	4,586	Jul 05	4,248	3,511	4,279
13	3,870	3,201	3,967	12	4,166	3,406	4,199
20	3,841	2,977	3,531	19	4,139	3,560	4,406
27	3,839	3,247	3,926	26	4,082	3,460	4,488
Aug 3	3,505	3,236	3,715	Aug 02	3,970	3,426	3,968
10	3,829	3,121	3,727	09	4,045	3,263	4,271
17	3,648	3,115	4,184	16	3,968	3,207	3,937
24	3,729	2,821	4,027	23	4,181	3,099	4,280
31	3,685	3,119	4,512	30	3,981	3,135	3,766
Sep 7	3,778	3,003	4,166	Sep 06	4,195	3,107	3,745
14	3,433	3,069	3,711	13	4,232	3,293	4,174
21	3,487	3,029	3,654	20	3,708	3,167	3,854
28	3,776	3,089	3,302	27	4,325	3,372	3,987
Oct 5	3,916	2,781	3,647	Oct 04	4,130	3,383	4,561
12	3,587	2,758	4,049	11	4,040	2,980	3,693
19	3,427	3,018	3,606	18	3,271	3,481	5,047
26	4,016	3,142	3,718	25	3,896	3,301	4,098
Nov 2	4,090	2,891	4,200	Nov 01	4,389	3,149	4,269
9	4,106	2,768	3,367	08	4,316	2,593	3,468
TOTAL 1985	181,246	149,871	199,283	TOTAL 1986	213,214	175,491	215,714

1/ Eggs set and chicks hatched include eggs for all broiler-type chicks, including those raised as broilers and as hatchery flock replacements. Chicks placed include only chicks raised as broilers.

COMMERCIAL BROILERS: PRODUCTION AND VALUE, DELAWARE, 1981-86

YEAR 1/	NUMBER PRODUCED	AVERAGE LIVEWEIGHT	PRODUCTION	AVERAGE PRICE PER POUND 2/	VALUE 3/
	Thou. Birds	Pounds	Thou. Pounds	Cents	Thou. Dollars
1981	169,596	4.5	763,182	30.0	228,955
1982	177,799	4.6	817,875	30.0	245,363
1983	181,862	4.8	872,938	31.0	270,611
1984	189,615	4.8	910,152	36.5	332,205
1985	196,399	4.8	942,715	33.0	311,096
1986	196,783	4.8	944,558	37.5	354,209

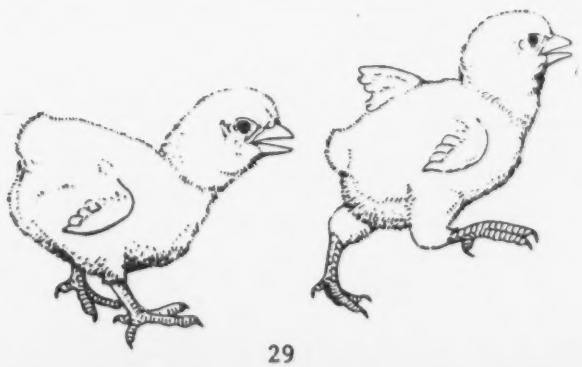
1/ Twelve month period beginning with December of the previous year.
2/ Liveweight equivalent price.
3/ Gross income including home consumption.

BROILER-TYPE CHICKS HATCHED BY COMMERCIAL HATCHERIES: DELAWARE, 1981-86

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
						1,000 Birds							
1981	10,409	9,418	11,196	10,803	11,290	11,296	11,150	10,738	9,872	9,810	9,853	10,913	126,748
1982	11,459	10,480	12,350	11,686	12,345	11,924	12,100	11,883	10,875	11,079	11,159	11,943	139,283
1983	11,911	10,528	12,229	12,231	12,340	12,100	12,074	11,830	11,217	10,826	11,043	12,063	140,392
1984	11,751	11,768	13,162	12,777	13,189	13,289	13,275	13,599	12,452	12,286	12,019	13,447	153,014
1985	13,733	12,408	14,312	14,087	14,787	14,594	14,157	13,564	12,985	12,968	13,497	14,533	165,625
1986	13,547	12,718	14,955	14,988	15,592	15,530	15,379	14,128	13,946	14,393	13,627	15,515	174,318

CHICK HATCHERIES: NUMBER AND EGG CAPACITY, JANUARY 1, SELECTED YEARS, DELAWARE, 1973-1986

YEAR	NUMBER OF HATCHERIES	EGG CAPACITY	YEAR	NUMBER OF HATCHERIES	EGG CAPACITY
	Number	1,000		Number	1,000
1973	12	13,066	1981	4	11,115
1975	9	15,083	1983	4	11,079
1977	9	15,255	1985	5	12,537
1979	7	15,255	1986	4	13,130



EGG PRODUCTION: NUMBER OF LAYERS, EGGS PER LAYER AND TOTAL PRODUCTION, QUARTERLY, DELAWARE, 1981-1986

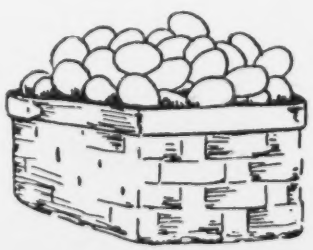
YEAR	DECEMBER-FEBRUARY 1/	MARCH-MAY	JUNE-AUGUST	SEPTEMBER-NOVEMBER	ANNUAL
	Layers on Farm-Thousand				Average
1981	515	597	630	624	592
1982	584	582	628	630	606
1983	615	628	645	642	633
1984	645	629	637	626	634
1985	573	564	616	620	594
1986	589	627	645	626	622
	Total Eggs Per Layer During Quarter 2/				Total
1981	52.4	51.9	55.6	54.5	215
1982	55.9	57.7	57.0	54.5	226
1983	55.3	57.3	57.4	54.5	224
1984	54.3	52.5	58.1	55.9	221
1985	52.4	53.2	53.6	53.2	212
1986	52.6	54.2	55.8	54.3	217
	Total Egg Production During Qurater-Millions				Total
1981	27	31	35	34	127
1982	33	34	36	34	137
1983	34	36	37	35	142
1984	35	33	37	35	140
1985	30	30	33	33	126
1986	31	34	36	34	135

1/ December of the preceding year.
2/ The annual eggs per layer may not add due to rounding.

TOTAL EGGS: PRODUCTION, DISPOSITION AND VALUE OF SALES, DELAWARE, 1981-1986 1/

YEAR 2/	HENS & PULLETS OF LAYING AGE 3/	AVERAGE NUMBER OF LAYERS ON HAND DURING YEAR	EGGS PER LAYER 4/	EGGS PRODUCED	EGGS CONSUMED IN FARM HOUSEHOLD	EGGS SOLD	PRICE PER DOZEN	CASH RECEIPTS FROM SALES
	Thou. Birds		Number	Millions		Cents		1,000 Dollars
1981	623	592	215	127	.5	126.5	82.5	8,697
1982	622	606	226	137	5/	137.0	85.0	9,662
1983	642	633	224	142	5/	142.0	95.5	11,301
1984	589	634	221	140	5/	140.0	105.0	12,250
1985	578	594	212	126	N/A	N/A	98.0	10,290
1986	615	622	217	135	--	--	98.0	11,025

1/ Includes hatching eggs and eggs sold at retail by farmers.
2/ Marketing year is from December of the previous year to November 30 of the year shown.
3/ On hand December 1 of the previous year.
4/ Eggs produced divided by average number of layers on hand.
5/ Less than one-half million eggs.



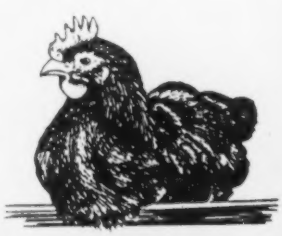
CHICKENS: INVENTORY AND VALUE ON DECEMBER 1, DELAWARE, 1981-86

YEAR	HENS AND PULLETS OF LAYING AGE			PULLETS 3 MONTHS OLD AND OLDER NOT OF LAYING AGE	PULLETS UNDER 3 MONTHS	OTHER CHICKENS	TOTAL CHICKENS	VALUE	
	HENS	PULLETS	TOTAL					PER BIRD	TOTAL VALUE
				1,000 Birds				Dollars	1,000 Dollars
1981	120	503	623	115	150	50	938	1.65	1,548
1982	70	552	622	140	110	51	923	2.00	1,846
1983	157	485	642	135	180	67	1,024	3.25	3,328
1984	129	460	589	101	106	52	848	3.05	2,586
1985	110	468	578	127	157	67	929	4.45	4,134
1986	150	465	615	104	145	74	938	4.05	3,799

CHICKENS AND TURKEYS: PRODUCTION, DISPOSITION AND VALUE, DELAWARE, 1981-86 1/

YEAR	NUMBER RAISED	PRODUCTION		HOME CONSUMPTION		POUNDS SOLD	TOTAL VALUE 3/
		NUMBER	POUNDS 2/	NUMBER	VALUE		
		1,000 Birds	1,000 Pounds	1,000 Birds	1,000 Dollars	1,000 Pounds	1,000 Dollars
				CHICKENS 4/			
1981	948	858	6,349	20	11	5,467	640
1982	1,040	955	8,218	20	10	7,220	768
1983	1,103	1,013	7,215	12	8	6,750	953
1984	800	710	6,453	30	25	6,762	1,242
1985	--	--	--	--	--	6,400	960
1986	--	--	--	--	--	6,400	832
				TURKEYS 5/			
						¢/lb.	
1981	178	--	3,809	--	--	34.0	1,295
1982	238	--	5,093	--	--	40.0	2,037
1983	294	--	5,880	--	--	44.0	2,587
1984	64	--	1,408	--	--	49.0	690
1985	11	--	286	--	--	62.0	177
1986 6/	125	--	2,625	--	--	64.0	1,680

1/ Marketing year is December 1 of the previous year through November 30 of the year shown.
2/ Number of pounds available for utilization during the year, i.e. sales plus home consumption plus or minus the change in inventory.
3/ Cash receipts plus value of production.
4/ Excludes commercial broilers. Marketing year is from December 1 of the previous year to November 30 of the year shown. Estimates discontinued in 1984.
5/ Based on hatch from September 1 of previous year to August 31 of the year shown.
6/ Includes Maryland and Delaware.

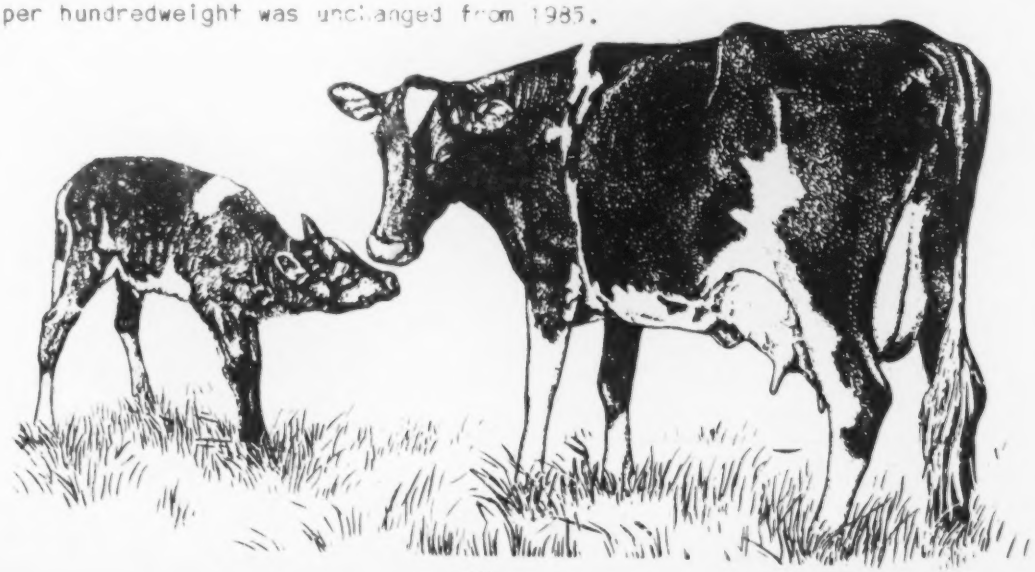


DAIRY

Milk production in Delaware was stable at 147 million pounds. The annual average number of milk cows on Delaware farms was 10,200, 100 cows, less than the annual average for 1985. Annual milk production per cow at 14,412 pounds compared to the preceeding year°s 14,282 pounds. Dairymen in Delaware received an average of $12.80 per hundredweight for their 1986 milk, down $0.30, or 2 percent from 1985.

Cash receipts from milk marketed in 1986 totaled $18.6 million dollars, down 2 percent from the $19.0 million received for 1985 milk marketings. Milk marketing cash receipts amounted to 4.6 percent of the cash receipts from all livestock and livestock products in Delaware. Milk comprised 3.6 percent of total agricultural commodity cash receipts in the state.

The average Delaware milk cow was fed 5,530 pounds of grain and concentrates during 1986, a decrease of 1 percent, or 55 pounds from the year earlier figure of 5,585 pounds of grain and concentrate fed. The average value per cwt of ration fed at $7.81 per hundredweight was unchanged from 1985.



MILK COWS AND MILK PRODUCTION, DELAWARE, 1970, 1975, 1978-1986

PRODUCTION OF MILK AND MILKFAT

YEAR	NUMBER OF MILK COWS ON FARMS 1/	PER MILK COW		PERCENTAGE OF FAT IN ALL MILK PRODUCED	TOTAL	
		MILK	MILKFAT		MILK	MILKFAT
	Thou.	Pounds		Percent	Million Pounds	
1970	13.5	9,630	356	3.70	130	4.8
1975	11.7	10,855	398	3.67	127	4.7
1978	11.0	11,727	434	3.70	129	4.8
1979	10.7	11,869	436	3.67	127	4.7
1980	10.4	12,019	442	3.68	125	4.6
1981	10.1	12,277	453	3.69	124	4.6
1982	10.2	13,431	484	3.60	137	4.9
1983	10.3	13,301	489	3.68	137	5.0
1984	10.0	13,150	483	3.67	132	4.8
1985	10.3	14,282	521	3.65	147	5.4
1986	10.2	14,412	529	3.67	147	5.4

1/ Average number during year, excluding heifers not yet fresh.

MILK UTILIZED, MARKETING, INCOME AND VALUE OF DAIRY PRODUCTS,

DELAWARE, 1970, 1975, 1978-1986

YEAR	COMBINED MARKETINGS OF MILK AND CREAM				MILK USED ON FARMS WHERE PRODUCED			GROSS FARM INCOME FROM DAIRY PRODUCTS 4/	FARM VALUE OF MILK PRODUCED 3/ 5/
	MILK UTILIZED	AVG. RETURNS 1/ PER 100 POUNDS MILK	AVG. RETURNS 1/ PER POUND MILKFAT	CASH RECEIPTS FROM MARKETING	FED TO CALVES 2/	ALL MILK UTILIZED 3/	VALUE 3/		
	Million Pounds	Dollars		Thou. Dollars	Million Pounds			Thou. Dollars	
1970	127	6.70	1.81	8,509	1	2	134	8,643	8,710
1975	124	9.51	2.59	11,794	1	2	190	11,984	12,078
1978	126	11.37	3.07	14,325	1	2	227	14,552	14,667
1979	124	12.67	3.45	15,717	1	2	253	15,970	16,097
1980	123	13.68	3.72	16,825	1	1	137	16,961	17,098
1981	122	14.30	3.88	17,446	1	1	143	17,589	17,732
1982	135	13.90	3.86	18,765	1	1	139	18,904	19,043
1983	135	14.00	3.80	18,900	1	1	140	19,040	19,180
1984	130	14.00	3.81	18,130	1	1	140	18,270	18,410
1985	145	13.10	3.59	19,008	1	1	131	19,139	19,270
1986	145	12.80	3.49	18,560	1	1	128	18,688	18,816

1/ Cash receipts divided by milk or milkfat represented in combined marketings.
2/ Excludes milk sucked by calves. 3/ Used for milk, cream and butter where produced valued at average returns per 100 pounds of milk in combined marketing of milk and cream.
4/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm churned butter. 5/ Includes value of milk fed to calves.

MILK PRODUCTION: NUMBER OF COWS, PRODUCTION PER COW AND TOTAL PRODUCTION QUARTERLY, DELAWARE 1975, 1978-86

YEAR	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	ANNUAL
		MILK COWS ON FARM-1,000 HEAD 1/			
1975	12.3	11.7	11.4	11.3	11.7
1978	11.1	11.0	10.9	10.9	11.0
1979	10.8	10.6	10.6	10.6	10.7
1980	10.6	10.4	10.3	10.2	10.4
1981	10.0	10.1	10.0	10.2	10.1
1982	10.1	10.3	10.2	10.1	10.2
1983	10.2	10.3	10.2	10.3	10.3
1984	10.2	10.0	10.0	9.8	10.0
1985	10.0	10.0	10.5	10.5	10.3
1986	10.3	10.2	10.0	10.2	10.2
		PRODUCTION PER MILK COW-POUNDS 2/ 3/			
1975	2,618	2,778	2,772	2,717	10,855
1978	3,027	2,946	2,862	2,917	11,727
1979	3,000	3,025	3,000	2,900	11,869
1980	3,050	3,100	3,000	2,900	12,019
1981	3,020	3,150	3,020	3,120	12,277
1982	3,330	3,470	3,250	3,420	13,431
1983	3,440	3,390	3,275	3,260	13,301
1984	3,280	3,400	3,200	3,270	13,150
1985	3,500	3,650	3,600	3,600	14,282
1986	3,600	3,600	3,600	3,650	14,412
		TOTAL PRODUCTION-MILLION POUNDS 2/			
1975	32.2	32.5	31.6	30.7	127
1978	33.6	32.4	31.2	31.8	129
1979	32.4	32.1	31.8	30.7	127
1980	32.3	32.2	30.9	29.6	125
1981	30.2	31.8	30.2	31.8	124
1982	33.6	35.7	33.2	34.5	137
1983	35.1	34.9	33.4	33.6	137
1984	33.5	34.0	32.0	32.0	132
1985	35.0	36.5	37.8	37.8	147
1986	37.1	36.7	36.0	37.2	147

1/ Excludes heifers not yet fresh.
2/ Excludes milk sucked by calves.
3/ Quarterly milk production per cow may not add due to the total for the year due to rounding of quarterly estimates.

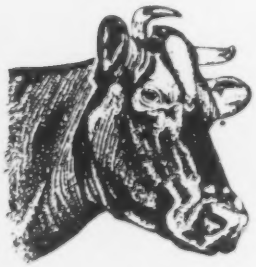
AVERAGE PER COW, GRAIN & CONCENTRATES FED DAILY AND AVERAGE VALUE PER CWT. OF RATION FED QUARTERLY, DELAWARE, 1975, 1978-1986

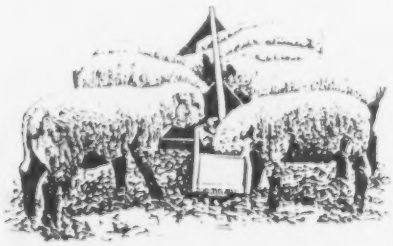
YEAR	JANUARY 1		APRIL 1		JULY 1		OCTOBER 1	
	POUNDS FED	DOLLAR VALUE	POUNDS FED	DOLLAR VALUE	POUNDS FED	DOLLAR VALUE	POUNDS FED	DOLLAR VALUE
1975	14.8	6.45	16.1	5.98	13.5	5.93	12.1	6.05
1978	14.0	7.02	14.8	7.18	14.5	7.13	13.4	7.28
1979	14.6	7.10	14.6	7.30	15.2	7.45	14.5	7.15
1980	15.0	7.30	15.1	7.50	15.2	7.60	15.2	8.60
1981	16.0	10.00	14.0	9.05	14.0	9.00	14.2	8.40
1982	15.9	8.80	15.3	8.10	14.0	8.25	14.5	7.80
1983	15.6	7.80	16.0	8.30	14.5	7.80	14.5	8.75
1984	14.4	9.00	15.3	9.10	14.8	9.05	15.4	8.80
1985	15.9	8.50	16.4	7.85	15.0	7.50	14.0	7.40
1986	15.5	7.80	14.0	8.15	15.6	7.65	15.5	7.65

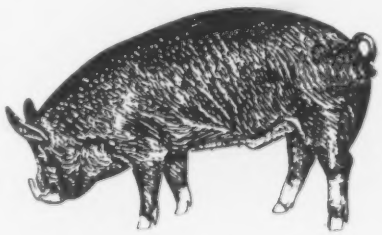
LIVESTOCK

The January 1, 1987 inventory of cattle and calves in Delaware, at 31,000 head, was up 15 percent from a year earlier. The average value per head for all cattle and calves, was $575 compared to the $615 average of a year earlier. Cash receipts during 1986 for cattle and calves at $1.76 million was down 3 percent. The $1.83 million in cash receipts during 1985. Delaware had 730 farms with cattle during 1986, an increase of 30 farms from 1984 and 1985. Cattle slaughter for Delaware and Maryland combined during 1986 totaled 55,800, down 8 percent from 1985°s 60.8 million. Calf slaughter in Delaware and Maryland during 1986 totaled 31,800, down 17 percent from the 38,200 slaughtered during 1985.

Hog and pig inventory numbers on December 1, 1986 increased 10,000 head from a year earlier to 60,000 head. The average value per head for all hogs and pigs was $95.00 compared to the $68.00 value posted in 1985. Market hogs at 49,000 head accounted for 82 percent of the total inventory. Hog slaughter in Delaware and Maryland combined at 66,200 head was down 13 percent from the 75,900 slaughtered in 1985. Delaware farmers farrowed 18,500 sows during 1986 with an average of 7.4 pigs per litter. The pig crop amounted to 137,000 pigs. Sows farrowed increased 6,500 head from 1985, while pigs per litter decreased 0.8 pigs and the total pig crop increased by 39,000 head.







CATTLE: NUMBER BY CLASSES, DELAWARE, JANUARY 1, 1980-87

SPECIES AND CLASS	1980	1981	1982	1983	1984	1985	1986	1987
			Thou. Head					
ALL CATTLE and CALVES-January 1	30	32	35	36	30	26	27	31
Cows and Heifers That Have Calved	15	15	15	15	13	12	12	14
Beef Cows	4	5	5	5	3	2	2	3
Milk Cows	11	10	10	10	10	10	10	11
Heifers 500 Pounds and Over	6	8	9	9	5	5	6	4
For Beef Cow Replacement	1	1	1	1	1	1	1	1
For Milk Cow Replacement	3	4	4	4	3	3	3	2
Other	2	3	4	4	1	1	2	1
Steers 500 Pounds and Over	3	3	4	5	6	3	4	5
Bulls 500 Pounds and Over	1	1	1	1	1	1	1	1
Heifers, Steers and Bulls Under 500 Pounds	5	5	6	6	5	5	4	7
CALVES Born During Year	13	12	13	13	11	10	10	13

HOGS: NUMBER BY CLASS, DELAWARE, DECEMBER 1, 1979-86

SPECIES AND CLASS	1979	1980	1981	1982	1983	1984	1985	1986
ALL HOGS and PIGS-December 1	50	56	40	33	40	36	50	60
Breeding Hogs	7	6	5	5	5	6	10	11
Market Hogs	43	50	35	28	35	30	40	49
Under 60 Pounds	14	12	8	9	12	11	20	20
60 -119 Pounds	12	15	9	8	7	6	6	12
120-179 Pounds	10	12	8	5	9	6	6	6
180-Pounds and Over	7	11	10	6	7	7	8	9

SOWS FARROWED, PIGS PER LITTER AND PIG CROPS: DELAWARE, 1975, 1978-1986

YEAR	SOWS FARROWED			PIGS PER LITTER			PIG CROP		
	DEC-MAY 1/	JUNE-NOV	ANNUAL TOTAL	DEC-MAY 1/	JUNE-NOV	ANNUAL AVERAGE	DEC-MAY 1/	JUNE-NOV	ANNUAL TOTAL
	Thou. Head			Number			Thou. Head		
1975	6.4	6.0	12.4	7.0	7.4	7.2	45	44	89
1978	5.0	6.0	11.0	7.0	6.9	6.9	35	41	76
1979	6.5	5.0	11.5	7.3	7.0	7.1	47	35	82
1980	5.5	5.5	11.0	7.0	7.0	7.0	39	39	78
1981	5.0	4.5	9.5	7.0	6.5	6.7	35	29	64
1982	5.0	3.1	8.1	6.8	7.0	6.9	34	22	56
1983	5.5	4.0	9.5	7.3	7.5	7.4	40	30	70
1984	4.8	3.6	8.4	7.5	7.2	7.4	36	26	62
1985	6.0	6.0	12.0	8.5	7.8	8.2	51	47	98
1986	8.9	9.6	18.5	8.0	6.9	7.4	71	66	137

1/ December preceding year.

NUMBER OF LIVESTOCK FARMS, BY TYPE: DELAWARE, 1970, 1975, 1978-1986

YEAR	FARMS WITH CATTLE	FARMS WITH MILK COWS	FARMS WITH HOGS & PIGS
1970	1,000	550	960
1975	1,000	400	700
1978	850	300	630
1979	780	280	620
1980	780	280	620
1981	760	270	600
1982	740	270	550
1983	720	250	500
1984	700	250	450
1985	700	230	350
1986	730	230	360

1/ An operation is any place having one or more head of the species on hand at any time during the year.

NUMBER AND VALUE OF CATTLE AND CALVES ON FARMS IN DELAWARE, JANUARY 1, 1975, 1978-1987

YEAR	ALL CATTLE AND CALVES		
	NUMBER	VALUE	
		PER HEAD	TOTAL
	Thou. Head	Dollars	Thou. Dollars
1975	33	250	8,250
1978	30	315	9,450
1979	30	460	13,800
1980	30	675	20,250
1981	32	745	23,840
1982	35	665	23,275
1983	36	585	21,060
1984	30	605	18,150
1985	26	615	15,990
1986	27	615	16,605
1987	31	575	17,825

NUMBER AND VALUE OF HOGS AND PIGS ON FARMS IN DELAWARE, DECEMBER 1, 1975, 1978-1986

YEAR	ALL HOGS AND PIGS		
	NUMBER	VALUE	
		PER HEAD	TOTAL
	Thou. Head	Dollars	Thou. Dollars
1975	50	74.00	3,700
1978	50	81.50	4,075
1979	50	51.50	2,575
1980	56	74.00	4,144
1981	40	67.00	2,680
1982	33	89.50	2,954
1983	40	62.50	2,500
1984	36	70.00	2,520
1985	50	68.00	3,400
1986	60	95.00	5,700

MEAT ANIMALS: INVENTORY, SUPPLY & DISPOSITION, DELAWARE 1979 -1986

YEAR & CLASS	ON HAND FIRST OF YEAR	BIRTHS	INSHIP-MENTS	MARKET-INGS 2/	FARM SLAUGHTER 3/	DEATHS	ON HAND END OF YEAR
CATTLE & CALVES 1/			1,000 HEAD				
1979	30	13	-	9	1	3	30
1980	30	13	-	7	1	3	32
1981	32	12	-	6	1	2	35
1982	35	13	4	12	1	3	36
1983	36	11	0	13	1	3	30
1984	30	10	0	11	1	2	26
1985	26	10	0	6	1	2	27
1986	27	13	0	6	1	2	31
HOGS & PIGS 1/							
1979	50	82	7	80.0	1	8	50
1980	50	78	6	68.0	2	8	56
1981	56	64	6	76.0	1	9	40
1982	40	56	6	62.5	.5	6	33
1983	33	70	6	61.9	.1	7	40
1984	40	62	6	66.9	.1	5	36
1985	36	98	5	83.9	.1	5	50
1986	50	137	7	126.9	.1	7	60

1/ Cattle and Calves- January 1-January 1; Hogs and Pigs-December 1 to December 1. 2/ Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the State. 3/ Excludes custom slaughter for farmers at commercial establishments.

MEAT ANIMALS: PRODUCTION AND INCOME, DELAWARE, 1979 -1986

YEAR & CLASS	PRODUC-TION 1/	MARKET-INGS 2/	AVERAGE PRICE PER 100 POUNDS		VALUE OF PRODUC-TION	CASH RECEIPTS 3/	VALUE OF HOME CON-SUMPTION	GROSS INCOME
	Thou. Pounds		Dollars			Thou. Dollars		
CATTLE & CALVES			CATTLE	CALVES				
1979	8,575	6,575	56.60	88.80	5,070	3,938	1,132	5,070
1980	7,405	4,275	54.00	84.30	4,206	2,516	1,080	3,596
1981	6,680	3,565	51.20	80.90	3,714	2,026	768	2,794
1982	4,800	4,630	50.30	70.30	2,750	2,615	1,182	3,797
1983	4,260	6,725	49.90	67.00	2,341	3,583	1,266	4,849
1984	5,045	6,275	51.60	64.50	2,749	3,350	1,296	4,646
1985	7,595	3,755	47.60	61.80	3,652	1,826	1,229	3,055
1986	8,375	3,755	46.10	57.90	4,038	1,763	1,291	3,054
HOGS & PIGS								
1979	16,333	16,640	43.60		7,236	7,533	185	7,718
1980	14,308	12,775	40.10		5,761	5,170	341	5,511
1981	14,115	15,680	45.50		6,432	7,203	216	7,419
1982	11,306	12,766	54.70		6,211	7,160	82	7,242
1983	13,221	12,656	48.70		6,446	6,217	22	6,236
1984	13,251	13,785	48.00		6,385	6,785	22	6,807
1985	19,102	17,606	44.40		8,522	7,960	20	7,980
1986	28,140	27,100	48.40		13,643	13,295	26	13,321

1/ Adjustments made for inshipments and changes in inventory. 2/ Excludes custom slaughter for use on farms where produced and inter-farm sales within State. 3/ Receipts from marketing and sale of farm slaughter.

COMMERCIAL LIVESTOCK SLAUGHTER 1/: MARYLAND AND DELAWARE, 1985-86

SPECIES AND MONTH	1985			1986		
	NUMBER OF HEAD SLAUGHTERED	AVERAGE LIVEWEIGHT	LIVEWEIGHT	NUMBER OF HEAD SLAUGHTERED	AVERAGE LIVEWEIGHT	TOTAL LIVE-WEIGHT
	thou.	Pounds	Thou. lbs.	Thou.	Pounds	Thou. Lbs.
CATTLE						
January	5.8	1,122	6,522	5.4	1,120	6,096
February	4.6	1,121	5,151	4.1	1,148	4,737
March	4.8	1,134	5,499	4.3	1,136	4,918
April	5.0	1,136	5,642	4.8	1,148	5,551
May	5.3	1,158	6,192	4.4	1,159	5,119
June	4.5	1,142	5,158	4.2	1,153	4,888
July	4.7	1,157	5,448	4.0	1,115	4,506
August	4.9	1,196	5,587	4.1	1,125	4,612
September	4.8	1,123	5,394	4.9	1,132	5,528
October	5.4	1,104	5,985	5.1	1,115	5,737
November	5.3	1,123	5,983	4.8	1,104	5,335
December	5.5	1,111	6,144	5.4	1,120	6,094
TOTAL 2/	60.8	1,131	68,705	55.8	1,130	63,069
CALVES						
January	3.4	351	1,196	2.8	371	1,041
February	3.4	352	1,199	2.3	364	828
March	3.0	355	1,074	2.5	362	891
April	3.0	351	1,049	3.3	353	1,177
May	3.6	348	1,268	2.7	349	945
June	3.0	346	1,042	2.1	357	743
July	3.4	339	1,160	1.8	368	664
August	2.8	349	968	1.8	360	666
September	3.2	354	1,116	3.2	374	1,193
October	3.4	359	1,208	3.8	368	1,386
November	2.7	352	945	2.3	371	835
December	3.3	362	1,186	3.3	374	1,230
TOTAL 2/	38.2	351	13,411	31.8	365	11,599
HOGS						
January	6.0	247	1,481	5.5	227	1,252
February	5.2	249	1,292	4.3	254	1,095
March	6.4	241	1,546	4.5	236	1,066
April	8.1	238	1,926	4.4	228	1,008
May	8.5	231	1,957	7.5	224	1,666
June	5.7	234	1,325	5.8	222	1,281
July	5.6	237	1,340	4.5	223	998
August	6.6	225	1,484	4.8	213	1,015
September	6.3	231	1,463	5.3	235	1,255
October	5.9	229	1,347	5.7	225	1,275
November	5.2	228	1,187	6.1	232	1,412
December	6.4	221	1,425	7.9	213	1,680
TOTAL 2/	75.9	234	17,772	66.2	227	15,002
SHEEP AND LAMBS						
January	2.2	105	229	1.3	110	140
February	1.6	104	172	1.1	105	118
March	2.2	105	235	1.4	108	156
April	2.2	103	229	1.5	105	158
May	2.9	103	296	1.7	105	178
June	1.6	102	162	1.4	102	147
July	1.6	102	166	1.5	106	161
August	1.6	103	169	1.8	103	185
September	1.6	102	168	1.9	104	201
October	1.8	99	181	1.6	104	164
November	1.5	108	161	1.5	107	160
December	1.4	106	153	1.7	105	174
TOTAL 2/	22.4	104	2,319	18.4	105	1,941

1/ Includes slaughter under Federal inspection and other commercial slaughter; excludes farm slaughter.

2/ May not add due to rounding.

INCOME AND PRICES

The index of prices received by Delaware farmers for grain crops fell significantly in 1986. The season average price for grain corn fell 75 cents from 1985, barley fell 10 cents, wheat was off 45 cents, rye fell 50 cents and soybeans dropped by 20 cents per bushel. On the other hand hay prices increased dramaticly from 1985. The average price of all hay in 1986 increased to $106.00 per ton from $85.00 in 1985. The alfalfa hay season average price for 1986 at $130.00 increased from $96.00 in 1985. Hay other than alfalfa at $109.00 per ton increased $34.00 per ton from 1985. Cattle prices fell below 1985 but hog prices trended above year earlier levels. Broiler prices increased from 1985 to a record 37.5 cents per pound. The previous record broiler price was 36.5 cents per pound received in 1984.

Cash receipts from all commodities increased from 1985 to a record $525.2 million, primarily due to the increase in broiler returns. Cash receipts were up 6 percent from 1985 and slightly above the previous record $524.4 million received in 1984. Cash receipts from broilers in 1986 at, $354.2 million, is a 14 percent increase from 1985. Hog receipts totaled $13.3 million in 1986 due to increased prices and marketing. Net farm income in 1986 amounted to a record $158 million, up 40 percent from 1984. This net farm income is the highest on record. Gross farm income for 1986 totaled $545.9 million, up 5 percent from 1985 but down marginally from the $547.4 grossed in 1984.

CASH RECEIPTS FROM MARKETINGS, BY COMMODITIES, DELAWARE, 1984-1986 1/

COMMODITY	1984 VALUE $1,000	1984 PERCENT OF TOTAL	1985 VALUE $1,000	1985 PERCENT OF TOTAL	1986 VALUE $1,000	1986 PERCENT OF TOTAL
LIVESTOCK AND PRODUCTS	376,438	71.8	353,137	71.2	401,596	76.7
Broilers	332,205	63.3	311,096	63.7	354,209	67.7
Dairy Products	18,130	3.5	19,008	3.8	18,560	3.5
Hogs	5,796	1.3	7,960	1.6	13,295	2.5
Eggs	12,250	2.3	10,290	2.1	11,025	2.1
Cattle & Calves	3,350	.6	1,826	.4	1,763	.3
Turkeys	690	.1	177	*	*	*
Farm Chickens	1,217	.2	960	.2	832	.2
Other 2/	1,810	.3	1,820	.4	1,912	.4
ALL CROPS	148,039	28.2	142,721	28.8	123,575	23.3
Field Crops	91,254	17.4	84,263	17.0	60,971	11.6
Soybeans	40,145	7.7	34,548	7.0	29,158	5.6
Corn	38,347	7.3	38,560	7.8	23,466	4.5
Wheat	6,316	1.2	5,663	1.1	3,489	.7
Barley	4,994	1.0	4,243	.9	3,639	.7
Hay	1,202	.2	1,023	.2	961	.2
Rye	191	*	160	*	158	*
Other 3/	56	*	66	*	100	*
Vegetables and Melons	35,335	7.2	30,167	6.1	30,413	5.5
Potatoes	13,552	2.7	6,798	1.4	8,522	1.6
Green Peas	4,444	.8	6,149	1.2	3,695	.7
Snap Beans 4/	946	.2	1,398	.3	5/	--
Sweet Corn 4/	2,278	.4	1,877	.4	1,119	.2
Other Vegetables	14,115	2.5	13,945	2.8	17,077	2.7
Fruits & Nuts	2,994	.6	2,586	.5	3,556	.7
Apples	2,116	.4	1,682	.3	2,456	.5
Peaches	352	*	314	.1	500	.1
Misc. Fruits & Nuts	526	.1	590	.1	600	.1
Greenhouse & Nursery	15,000	1.9	17,000	3.4	20,000	3.8
Mushrooms	5,207	1.0	5,063	1.0	4,935	.9
Forest Products	3,673	.7	3,642	.7	3,700	.7
ALL COMMODITIES	524,447	100.0	495,858	100.0	525,171	100.0

* Less than .05 percent.
1/ Figures provided by Economic Research Service, USDA.
2/ Includes miscellaneous livestock, poultry and products, horses, mink pelts, etc.
3/ Includes seed and other field crops.
4/ Processing only.
5/ Not published to avoid disclosure of individual operations. Included in other vegetables.

FARM INCOME, DELAWARE, 1981- 1986 1/

ITEM	1981	1982	1983	1984	1985	1986
	Million Dollars					
GROSS FARM INCOME:						
Cash Receipts from Farm Marketings	390.1	403.7	453.0	524.4	495.9	525.2
Direct Government Payment 2/	1.8	.7	4.1	5.2	3.2	7.0
Non-Money Items & Related Income	27.2	19.6	19.7	20.7	18.0	18.8
Inventory Change	5.1	2.4	-5.3	-2.9	4.7	-3.4
TOTAL	424.1	426.4	471.5	547.4	521.8	547.6
FARM PRODUCTION EXPENSES	389.6	372.2	407.4	425.9	408.9	387.5
NET FARM INCOME						
Current Dollars	34.5	54.2	64.1	121.5	112.9	160.1

1/ Source: Economic Research Service publication: Farm Income Data: A Historical Perspective. Cash receipts include net CCC loans. Details may not add due to rounding.
2/ Includes cash payments and PIK entitlements.
3/ Deflated by the Gross National Production implicit price deflator, 1982=100.

FARM PRODUCTION EXPENSES, DELAWARE, 1981-1986

ITEM	1981	1982	1983	1984	1985	1986
	Million Dollars					
Feed	153.6	135.3	165.1	167.9	161.4	159.4
Livestock Purchased	37.5	41.4	41.1	46.0	48.4	48.2
Seed	7.5	7.0	6.6	7.6	7.4	6.6
Fertilizer and Lime	30.3	22.2	18.3	23.1	19.3	14.1
Fuels and Oil	14.8	13.4	12.8	12.1	11.2	8.2
INTEREST						
Non-Real Estate	11.6	12.2	11.2	10.2	13.6	15.4
Mortgage	14.5	16.3	16.8	16.6	14.6	13.5
Hired Labor	19.1	20.3	19.6	19.5	19.7	19.8
Repair and Operation	13.4	10.9	11.5	11.7	11.8	11.9
Miscellaneous	23.8	48.5	52.4	61.3	55.8	50.8
Depreciation	38.0	38.4	42.2	39.4	35.9	33.2
Property Taxes	1.3	1.2	1.5	1.4	1.5	1.4
Net Rent to Non-Operator	5.2	5.2	8.5	9.0	8.3	4.9
Total	390.0	372.1	407.6	425.8	408.9	387.4

1/ Source: Economic Research Service publication: Farm Income Data: A Historical perspective. Details may not add due to rounding.

FARM EXPENDITURES, 1986

Farm production expenditures totaled $106.0 billion in 1986, down 16 percent from $125.9 billion in 1985. Lower expenditures were experienced in all major categories except building and fencing which increased 5.2 percent from a year earlier. Farm services, including rent, represented the largest 1986 expenditures by farmers at $23.3 billion. This was 17 percent below 1985, and accounted for 22 percent of the nation°s production expenses. Feed expenses totaled $14.9 billion (down 19 percent) and accounted for 14 percent of the U.S. total. Average expenditures per farm were $47,976, a drop of $7,266 from 1985.

Large farm (sales over $100,000) expenditures averaged $244,141 and accounted for over 67 percent of the U.S. total. Purchases of farm service, feed, labor, and livestock & poultry were major expenses (over 50 percent of the total) for operations with sales over $100,000. The large farms accounted for more than two-thirds of the U.S. expenses for farm services, feed, labor, livestock & poultry, agriculture chemical & sprays, and seeds & plants.

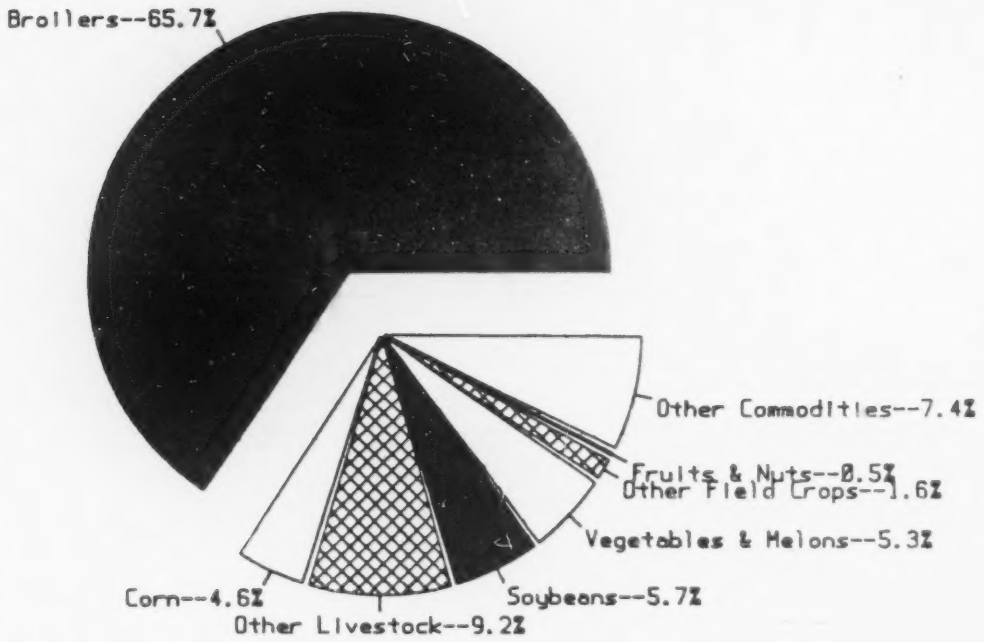
Medium sized farms (sales of $40,000-$100,000) averaged $68,535 in expenses per farm during 1986 and contributed 17 percent of the U.S. total. Leading expenditures for medium sized farms were farm services, feed, and farm machinery.

Small farm (sales less than $40,000) expenditures averaged $17,331 and accounted for 16 percent of the nations production expenses. The three leading expenditure categories for small farms were farm service, feed and farm machinery.

FARM PRODUCTION EXPENDITURES, UNITED STATES 1985 AND 1986

EXPENDITURE FARM SHARE	FARMS REPORTING		UNITED STATES AVERAGE PER FARM		TOTAL EXPENDITURES		NORTHEAST TOTAL EXPENDITURES	
	1985	1986	1985	1986	1985	1986	1985	1986
	PERCENT		DOLLARS		-------MILLION DOLLARS------			
TOTAL EXPENDITURES	100.0	100.0	55,242	47,976	125,916	105,995	9,218	7,903
LIVESTOCK & POULTRY	43.8	42.2	5,922	4,549	13,499	10,051	796	436
FEED	74.9	72.5	7,940	6,766	18,098	14,948	1,934	1,574
FARM SERVICES:	99.8	99.7	12,368	10,546	28,192	23,300	1,473	1,461
AG CHEMICALS & SPRAYS:	59.1	56.7	1,729	1,604	3,942	3,544	181	158
FERTILIZER:	76.3	75.9	3,779	3,109	8,614	6,868	517	406
INTEREST:	62.6	60.5	5,494	4,603	12,522	10,170	578	485
TAXES (PROPERTY)	90.9	90.3	1,172	1,179	2,672	2,605	272	225
LABOR:	55.5	53.7	4,811	4,487	10,965	9,913	1,248	1,059
FUELS & LUBRICANTS:	97.3	96.2	2,829	2,124	6,449	4,692	415	296
FARM SUPPLIES:	80.9	80.8	779	697	1,775	1,539	204	168
BUILDING & FENCING:	55.5	53.5	998	1,083	2,275	2,393	248	342
FARM & LAND IMPROVEMENTS:	27.7	21.4	457	383	1,042	847	81	59
FARM MACHINERY	90.8	90.6	4,417	4,278	10,068	9,452	797	751
SEEDS & PLANTS:	72.3	71.0	1,729	1,589	3,941	3,511	237	254
TRUCKS & AUTOS:	19.1	19.2	773	776	1,762	1,714	203	178

DELAWARE CASH FARM RECEIPTS
Major Commodities
1986



AVERAGE PRICES RECEIVED BY FARMERS, DELAWARE, 1982-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE
						CORN-DOLLARS PER BUSHEL							
1982	2.76	2.72	2.67	2.65	2.71	2.71	2.73	2.52	2.17	2.17	2.43	2.52	2.56
1983	2.64	2.84	2.91	3.27	3.36	3.43	3.46	3.67	3.86	3.88	3.86	3.71	3.76
1984	3.36	3.65	3.77	3.89	3.86	3.85	3.71	3.16	3.24	2.86	2.89	2.83	2.95
1985	2.95	2.94	2.93	3.02	2.96	2.92	2.72	2.58	2.37	2.29	2.40	2.58	2.50
1986	2.62	2.56	2.55	2.55	2.64	2.51	2.25	1.97	1.78	1.78	1.80	1.77	1.75
						BARLEY-DOLLARS PER BUSHEL							
1982	2.17	2.09	1.95	1.86	1.82	1.77	1.78	1.82	1.75	1.77	1.80	1.82	1.80
1983	1.90	1.92	1.95	1.94	1.95	1.83	1.85	1.93	2.19	2.13	2.07	2.41	1.95
1984	2.69	2.73	2.77	2.45	2.36	2.22	2.17	2.15	2.04	1.96	1.94	1.94	2.15
1985	1.93	1.95	1.95	1.85	1.65	1.47	1.42	1.41	1.43	1.41	1.42	1.43	1.45
1986	1.43	1.40	1.55	1.32	1.34	1.25	1.17	1.17	1.14	1.20	1.30	1.40	1.35
						WHEAT-DOLLARS PER BUSHEL							
1982	3.80	3.75	3.65	--	--	3.09	3.00	3.00	2.88	2.87	3.12	3.25	3.00
1983	3.28	3.30	3.25	3.35	3.45	3.36	3.35	3.58	3.70	3.64	3.67	3.70	3.41
1984	3.64	3.47	3.69	3.70	3.59	3.46	3.32	3.33	3.27	3.13	3.21	3.12	3.30
1985	3.14	3.16	3.14	3.10	3.08	3.06	2.86	2.68	2.66	2.80	3.07	3.06	2.90
1986	3.30	3.20	3.25	3.21	3.05	2.45	2.40	2.34	2.43	2.56	2.50	2.92	2.45
						RYE-DOLLARS PER BUSHEL							
1982	3.60	3.85	3.76	4.21	3.91	--	3.50	2.80	2.89	2.85	2.75	2.70	3.10
1983	2.62	2.67	2.45	2.45	2.45	2.25	2.27	2.67	3.15	2.70	2.60	2.55	2.52
1984	2.50	2.45	2.50	2.60	2.53	2.45	2.10	2.11	2.05	2.10	2.21	2.23	2.10
1985	2.69	2.29	2.35	2.38	2.19	2.04	2.04	2.05	2.05	2.33	2.50	2.54	2.10
1986	2.48	2.28	2.23	2.30	2.20	1.65	1.55	1.65	1.60	1.65	1.65	2.00	1.60
						SOYBEANS-DOLLARS PER BUSHEL							
1982	6.25	6.24	6.09	6.52	6.69	6.36	6.20	5.88	5.26	5.20	5.56	5.66	5.65
1983	5.84	5.90	5.89	6.28	6.18	6.03	6.38	8.27	8.67	8.25	8.07	7.75	7.86
1984	7.02	7.27	7.84	7.96	8.42	8.00	6.59	6.06	5.94	5.88	5.99	5.80	5.90
1985	5.80	5.90	5.87	6.02	5.74	5.67	5.45	5.04	4.97	4.88	4.89	5.10	5.00
1986	5.28	5.15	5.30	5.10	5.07	4.92	4.85	4.64	4.63	4.60	4.86	4.82	4.80
						ALL HAY-DOLLARS PER TON							
1982	70.00	71.00	74.00	76.00	78.00	77.00	78.50	79.50	77.00	82.50	83.00	94.00	90.00
1983	100.00	95.00	95.50	93.00	88.50	91.00	84.00	87.00	86.00	108.00	113.00	106.50	107.00
1984	110.00	111.00	103.50	119.00	132.00	102.00	104.00	103.00	93.00	104.00	95.00	99.00	94.00
1985	93.00	96.00	87.00	91.00	83.00	82.00	83.00	84.00	83.00	81.50	82.00	83.00	85.00
1986	86.00	90.00	84.00	83.00	81.00	82.00	90.00	97.00	108.00	114.00	127.00	129.00	106.00
						ALFALFA HAY-DOLLARS PER TON							
1982	82.00	85.00	83.00	91.50	93.00	96.00	96.50	98.00	95.00	100.50	96.50	111.00	110.00
1983	120.00	115.00	119.00	115.00	105.00	110.00	95.50	103.00	108.50	133.50	137.00	135.00	127.50
1984	141.00	143.00	125.00	145.00	144.00	120.00	127.00	131.00	105.00	120.00	109.00	114.00	110.00
1985	105.00	115.00	100.00	110.00	95.00	92.00	91.00	96.00	95.00	93.00	95.00	95.00	96.00
1986	100.00	105.00	96.00	93.00	97.00	95.00	105.00	110.00	120.00	123.00	139.00	140.00	130.00
						ALL OTHER HAY-DOLLARS PER TON							
1982	63.50	63.50	68.00	67.00	66.50	66.50	68.50	69.50	67.00	73.00	75.50	84.50	80.00
1983	90.00	85.00	82.50	81.00	80.00	80.00	78.50	78.00	75.00	94.50	100.00	96.00	--
1984	93.00	94.00	91.50	105.00	125.00	93.00	92.50	81.50	86.00	95.00	87.00	91.00	--
1985	86.00	85.50	79.00	81.00	77.00	75.00	77.00	73.50	73.00	70.50	72.00	72.50	73.00
1986	75.00	77.00	75.00	75.00	68.00	71.00	77.00	86.00	99.00	107.00	117.00	120.00	109.00
						BEEF CATTLE-DOLLARS PER CWT.							
1982	48.70	49.10	51.80	52.90	54.30	53.50	52.50	51.50	49.60	47.90	47.10	46.70	50.30
1983	48.10	52.80	50.90	51.50	52.80	51.50	51.60	50.10	47.00	48.20	46.60	47.90	49.90
1984	50.00	50.30	55.70	58.90	53.10	51.20	51.50	52.10	50.80	49.40	49.80	48.30	51.60
1985	50.40	52.30	51.80	50.40	48.50	46.40	45.80	43.80	42.40	42.70	49.20	48.20	47.60
1986	43.90	41.80	42.90	40.20	40.60	42.90	41.70	42.90	44.20	42.60	43.20	42.40	46.10

1/ Marketing seasons at end of tables.

AVERAGE PRICES RECEIVED BY FARMERS, DELAWARE, 1982-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASON AVERAGE 1/
						STEERS AND HEIFERS-DOLLARS PER CWT.							
1982	57.7	59.1	57.2	63.5	65.3	63.0	61.6	60.4	59.4	56.0	55.4	55.7	59.8
1983	54.1	59.8	62.7	58.0	60.0	57.9	58.6	57.1	52.7	54.3	53.4	56.6	56.6
1984	57.0	56.9	62.5	67.7	59.1	56.3	57.2	57.7	56.7	56.4	56.1	54.4	58.0
1985	56.0	57.5	57.0	55.7	52.6	49.9	48.9	47.7	45.8	46.4	56.0	54.5	52.4
1986	52.7	50.0	51.0	48.7	50.0	49.7	50.0	53.0	54.0	51.0	52.0	51.2	51.1
						COWS-DOLLARS PER CWT 2/							
1982	39.8	39.1	42.1	42.4	43.3	44.0	43.4	42.6	39.8	39.8	38.8	37.8	40.9
1983	39.0	42.3	41.5	41.8	42.1	42.0	41.2	39.5	38.5	39.0	36.5	34.9	39.8
1984	37.0	38.0	43.1	42.5	42.0	47.7	41.0	41.6	39.7	36.3	38.1	37.1	39.7
1985	39.8	42.6	42.0	39.8	41.0	39.8	39.9	36.5	36.0	35.8	36.5	36.6	38.8
1986	38.5	38.0	36.2	35.0	34.1	38.1	35.9	37.2	37.5	36.7	37.5	36.4	36.8
						CALVES-DOLLARS PER CWT.							
1982	71.0	74.6	70.8	72.8	78.9	77.3	65.6	67.5	64.2	65.6	67.0	64.0	70.3
1983	68.2	73.0	70.7	72.0	72.5	70.0	68.8	60.8	66.4	62.7	60.4	62.5	67.0
1984	66.3	65.9	71.6	66.0	69.4	65.0	63.5	59.5	62.1	62.4	60.0	60.5	64.5
1985	64.0	66.0	65.0	63.9	66.0	64.7	58.7	55.1	56.0	60.2	62.0	59.5	61.8
1986	59.9	59.1	61.0	59.0	55.7	62.0	59.2	55.0	58.8	56.0	56.0	55.0	57.9
						HOGS-DOLLARS PER CWT.							
1982	47.5	47.7	49.8	52.3	58.0	59.8	60.9	63.7	64.0	56.9	53.7	53.4	54.7
1983	55.0	59.4	52.0	47.5	46.7	45.4	44.9	48.5	45.3	40.9	39.3	44.2	48.7
1984	49.8	48.1	46.4	46.8	47.6	50.2	54.1	51.0	47.2	44.5	48.9	47.9	48.0
1985	47.6	49.5	43.7	39.9	40.5	43.1	47.8	44.5	40.0	43.4	43.4	43.7	44.4
1986	45.0	43.9	40.0	39.3	43.2	48.3	57.5	57.7	59.1	51.3	52.6	52.4	48.4
						BROILERS-CENTS PER POUND							
1982	32.5	31.5	30.5	29.5	31.5	31.5	31.5	29.5	30.5	28.5	26.5	27.0	30.0
1983	27.5	30.0	27.5	26.0	29.5	31.5	33.5	34.5	34.5	33.0	36.5	37.0	31.0
1984	41.0	41.0	40.5	36.0	36.5	36.0	37.5	34.0	33.5	31.5	32.0	29.5	36.5
1985	35.0	35.0	31.5	30.5	33.5	35.0	33.0	32.5	34.0	31.0	34.5	31.5	33.0
1986	34.5	32.0	33.5	33.5	37.0	39.5	45.5	45.0	40.5	42.0	37.0	31.0	37.5
						CHICKENS, EXCLUDING BROILERS-CENTS PER POUND							
1982	9.0	11.5	12.0	9.0	11.0	7.0	7.5	9.0	9.5	12.0	16.0	14.0	10.5
1983	10.5	12.5	12.5	10.5	9.0	11.5	12.0	15.5	18.0	20.0	22.0	28.0	14.0
1984	31.0	28.0	26.0	20.0	15.0	9.0	9.0	12.0	17.0	18.0	20.0	18.0	18.0
1985	11.0	13.0	12.0	11.0	15.0	16.0	19.0	20.0	20.0	17.0	25.0	18.5	15.0
1986	14.0	12.0	9.0	9.0	10.0	8.0	14.0	15.0	13.0	20.0	21.0	19.0	13.0
						ALL EGGS, CENTS PER DOZEN 3/							
1982	83.0	87.0	90.0	88.0	84.0	80.0	83.0	81.0	86.0	87.0	88.0	94.0	85.0
1983	95.0	95.0	93.0	93.0	94.0	92.0	93.0	95.0	97.0	100.0	105.0	108.0	95.5
1984	117.0	114.0	109.0	112.0	105.0	99.0	99.0	102.0	100.0	99.0	96.0	85.8	105.0
1985	97.0	94.0	96.0	99.0	97.0	98.0	95.0	99.0	97.0	101.0	100.0	82.0	98.0
1986	99.0	94.0	101.0	95.0	93.0	93.0	101.0	102.0	102.0	100.0	102.0	80.3	98.0

1/ See marketing seasons at the end of table. 2/ Includes cull dairy cows sold for slaughter, but not dairy cows for herd replacements. 3/ Includes table eggs and hatching eggs.

MARKETING SEASON FOR DELAWARE COMMODITIES

Apples:	July 1 to June 30
Soybeans:	September 1 to August 31
Barley:	June 1 to May 31
Corn for Grain:	September 1 to August 31
Hay:	June 1 to May 31
Oats:	June 1 to May 31
Peaches:	July 1 to September 30
Potatoes:	A 20-month period beginning December preceding the specified crop year through July following the year shown.
Rye:	July 1 to June 30
Soybeans:	September 1 to August 31
Sweet Potatoes:	September 1 to August 31
Wheat:	June 1 to May 31
Cattle & Calves:	January 1 to December 31
Hogs:	December 1 to November 30
Poultry:	December 1 to November 30
Eggs:	December 1 to November 30

FEED: AVERAGE MID-MONTH PRICES PAID BY FARMERS, DELAWARE, 1979-1985 1/

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					BRAN-DOLLARS PER CWT.							
1979	8.00	8.00	8.00	8.10	7.90	7.70	8.20	8.40	8.10	8.10	8.50	8.50
1980	8.40	8.70	8.80	8.90	8.90	9.20	9.00	9.20	9.30	9.80	10.50	10.50
1981	10.50	11.00	11.00	11.00	11.00	11.00	11.00	10.50	10.50	9.90	10.50	9.50
1982	10.50	11.00	11.00	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.00	9.50
1983	9.50	9.60	9.60	9.90	9.80	9.90	9.90	10.00	10.00	10.00	10.50	10.50
1984	11.00	11.50	11.00	11.00	11.00	11.00	11.50	11.00	10.50	10.50	10.50	10.50
1985	10.00	10.00	10.00	9.90	9.90	9.60	9.20	9.50	9.40	9.00	9.30	9.20
					CORN MEAL-DOLLARS PER CWT.							
1979	6.60	6.70	6.60	6.60	7.00	6.60	6.80	7.30	7.50	7.50	7.00	7.10
1980	7.20	7.10	7.20	7.80	7.60	7.70	7.90	7.90	8.30	8.30	8.80	8.80
1981	8.80	9.20	9.20	8.90	8.90	8.70	8.60	9.20	8.20	8.00	8.10	7.80
1982	8.10	8.10	8.00	7.80	7.90	8.00	7.80	7.70	7.30	7.30	7.00	7.00
1983	7.20	7.40	7.40	7.60	7.60	8.10	8.20	8.70	8.90	9.00	9.40	9.40
1984	9.30	9.30	9.40	8.90	9.00	9.50	10.00	9.80	9.60	9.50	9.00	8.90
1985	8.50	8.80	9.20	9.10	8.80	8.20	7.90	7.80	8.30	7.80	7.10	7.70
					LAYING FEED- DOLLARS PER TON							
1979	158.00	167.00	167.00	166.00	169.00	169.00	191.00	188.00	181.00	186.00	185.00	190.00
1980	185.00	195.00	186.00	167.00	170.00	169.00	173.00	185.00	200.00	200.00	205.00	205.00
1981	205.00	210.00	205.00	205.00	205.00	205.00	200.00	192.00	178.00	174.00	180.00	180.00
1982	178.00	185.00	189.00	186.00	190.00	186.00	182.00	183.00	178.00	175.00	179.00	180.00
1983	173.00	184.00	185.00	193.00	199.00	199.00	196.00	215.00	220.00	220.00	230.00	205.00
1984	210.00	210.00	220.00	220.00	220.00	235.00	245.00	235.00	250.00	240.00	225.00	220.00
1985	205.00	200.00	197.00	198.00	185.00	172.00	174.00	167.00	165.00	170.00	155.00	175.00
					BROILER GROWER FEED-DOLLARS PER TON							
1979	186.00	197.00	198.00	195.00	193.00	198.00	210.00	220.00	215.00	215.00	205.00	205.00
1980	215.00	220.00	205.00	205.00	205.00	205.00	210.00	225.00	230.00	245.00	235.00	230.00
1981	235.00	230.00	225.00	230.00	240.00	230.00	220.00	205.00	190.00	173.00	182.00	200.00
1982	210.00	220.00	215.00	215.00	220.00	215.00	210.00	205.00	200.00	196.00	200.00	205.00
1983	200.00	205.00	205.00	205.00	210.00	220.00	210.00	225.00	230.00	225.00	235.00	220.00
1984	220.00	220.00	235.00	250.00	240.00	250.00	225.00	230.00	245.00	250.00	245.00	235.00
1985	225.00	205.00	225.00	230.00	210.00	210.00	198.00	194.00	210.00	196.00	184.00	205.00
					DAIRY FEED, 16% PROTEIN- DOLLARS PER TON							
1979	150.00	150.00	152.00	156.00	156.00	151.00	168.00	169.00	162.00	171.00	169.00	172.00
1980	171.00	173.00	167.00	161.00	161.00	161.00	168.00	179.00	187.00	195.00	200.00	199.00
1981	205.00	210.00	205.00	205.00	205.00	199.00	195.00	190.00	177.00	176.00	177.00	179.00
1982	180.00	176.00	177.00	173.00	175.00	172.00	165.00	164.00	160.00	160.00	165.00	162.00
1983	167.00	168.00	168.00	169.00	174.00	174.00	169.00	177.00	181.00	192.00	205.00	197.00
1984	198.00	197.00	200.00	197.00	197.00	196.00	188.00	181.00	186.00	174.00	172.00	166.00
1985	165.00	164.00	160.00	164.00	164.00	159.00	160.00	160.00	160.00	164.00	159.00	166.00
					SOYBEAN MEAL, 44% PROTEIN-DOLLARS PER CWT.							
1979	13.00	13.00	13.00	13.50	13.50	13.50	15.00	14.00	14.00	14.00	13.50	13.50
1980	14.00	14.00	13.00	14.00	12.50	12.50	13.00	14.00	15.00	15.50	17.50	17.50
1981	17.50	18.00	18.00	18.00	16.50	16.50	16.00	16.50	15.50	15.00	14.50	15.00
1982	14.00	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.00	13.50	13.00	13.00
1983	13.00	13.00	13.00	13.50	14.00	13.50	13.00	15.00	16.00	16.00	16.00	16.50
1984	16.50	17.00	17.50	17.50	17.50	15.50	14.00	13.50	13.00	12.50	12.00	12.00
1985	11.50	11.00	11.00	11.00	11.50	10.50	9.70	11.00	10.00	10.50	11.00	10.00

1/ Discontinued in January 1986.

TOTAL COMMERCIAL FERTILIZERS
CONSUMPTION IN DELAWARE 1/, 2/

	JULY 1, 1984 - JUNE 30, 1985	JULY 1, 1985 - JUNE 30, 1986
	NUTRIENT TONS	
Mixtures		
N	5,281	5,035
P_2O_5	7,600	6,528
K_2O	8,209	8,022
Total	21,722	19,585
Mixtures and Materials Combined		
N	20,722	16,772
P_2O_5	8,100	6,757
K_2O	16,990	13,811
Total	45,813	37,341

1/ Source: National Fertilizer Development Center, Tennessee Valley Authority.
2/ The sum of individual items may not equal totals due to rounding.

COMMERCIAL FERTILIZER, DIRECT APPLICATION MATERIALS
YEARS ENDED JUNE 30, 1985-1986

	DELAWARE		UNITED STATES	
	1985	1986	1985	1986
	Tons			
Ammonia				
Anhydrous	851	500	5,387,839	4,623,682
Ammonium				
Nitrate	2,291	1,550	2,195,397	1,702,595
Sulfate	5,497	4,272	778,320	656,311
Nitrogen				
Solutions	42,141	27,818	8,255,895	7,047,315
Sodium Nitrate	3	13	52,274	59,454
Urea	466	572	2,680,237	3,416,123
Superphosphates				
Under 22%	373	1	68,574	75,923
Over 22%	913	496	751,412	700,355
Other Phosphate	2	4	203,194	342,824
Potassium				
Chloride				
60% and above	14,580	9,557	5,265,971	4,981,474
Potassium				
Sulfate 50% K20	4	9	74,746	92,420
Other Potassium	129	191	308,990	245,225

1/ Source: National Fertilizer Development Center.
2/ 50-62 percent grades.

PENNSYLVANIA
WILMINGTON
NEWARK
ELSMERE
NEW CASTLE
MARYLAND
DOVER
CAMDEN
WYOMING
MAGNOLIA
BOWERS BEACH
WOODSIDE
VIOLA
FELTON
FREDERICA
DELAWARE BAY
HARRINGTON
HOUSTON
SLAUGHTER BEACH
MILFORD
FARMINGTON
KENT
SUSSEX
GREENWOOD
ELLENDALE
MILTON
LEWES
BRIDGEVILLE
HEWLINGS ACRES
REHOBOTH BEACH
DEWEY BEACH
GEORGETOWN
SEAFORD
REHOBOTH BAY
BLADES
ROSE RIVER
ROSE RIVER BAY
OCEAN
BETHEL
LAUREL
MILLSBORO
OCEAN VIEW
BETHANY BEACH
DAGSBORO
MILLVILLE
SOUTH BETHANY
FRANKFORD
LITTLE ASSAWOMAN BAY
DELMAR
SELBYVILLE
FENWICK ISLAND
ATLANTIC
MARYLAND
N
0
5
10
MILES

Delaware Agriculture

First Rate
from the
First State